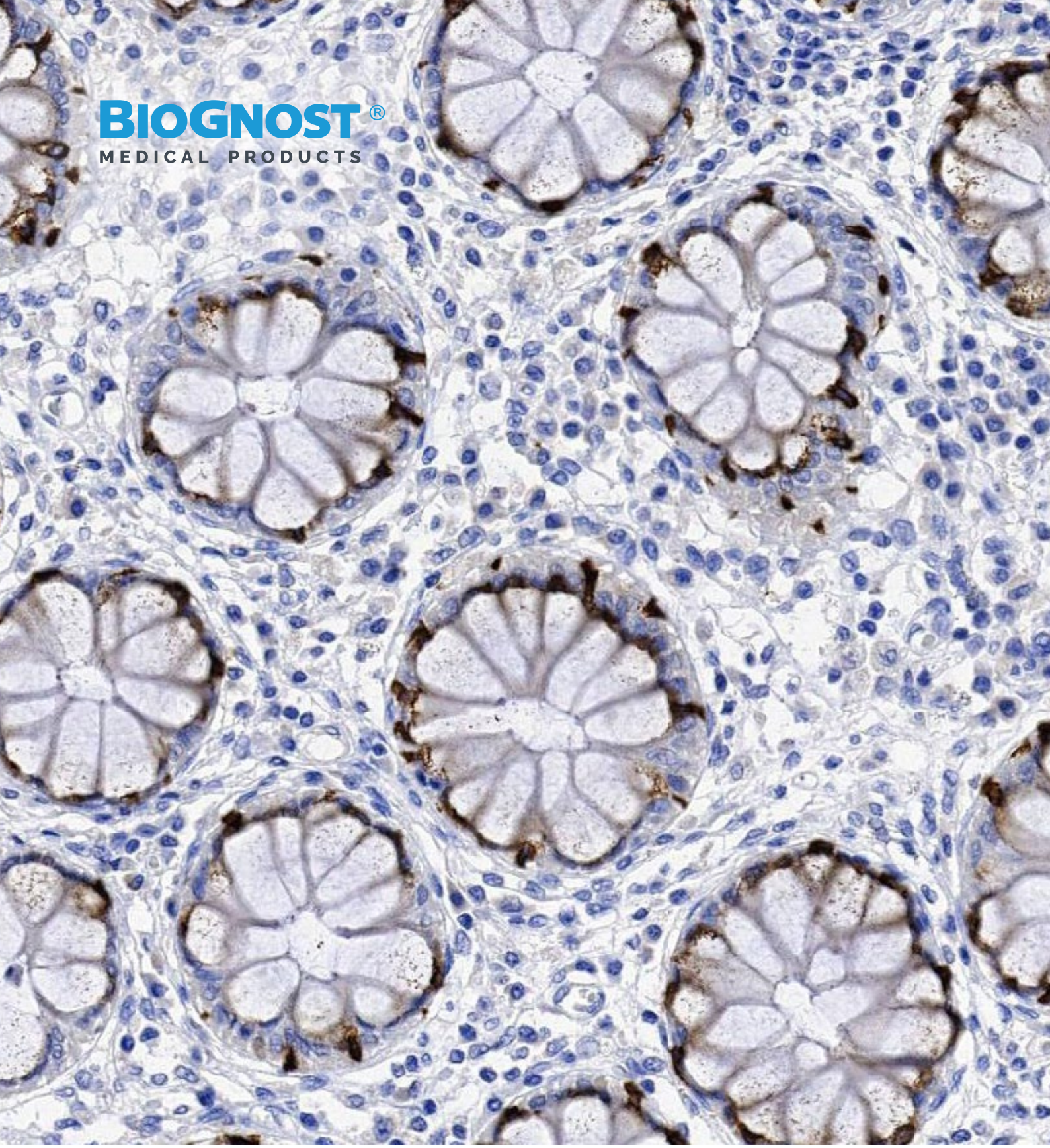

BIOGNOST®
MEDICAL PRODUCTS

# IHC

## Immunohistochemistry reagents

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# Immunohistochemistry reagents

We understand the challenges that modern histopathology labs face, from patient safety, to processing multiple slides with limited resources, to meeting ever-evolving quality and regulatory requirements. We also realize that every laboratory is different, which is why we strive to provide a complete suite of complementary BioGnost immunohistochemistry (IHC) staining solutions that work together to improve quality, increase productivity and efficiency in your lab, give you flexibility, and, most importantly, help reduce mistakes.

Our IHC solutions are tailored to meet the unique needs of your laboratory and help you provide accurate results.

In order to provide the best results, IHC staining requires precision and quality at every stage of the process. From pre-treatment, blocking, detection, and beyond, you will get results you can rely on when using the full range of BioGnost's IHC staining solutions in your laboratory.

# Primary antibodies

conc. = concentrate
RTU = ready-to-use

For research use only. Intended for specific nonmedical purposes.

Reliable primary antibodies come with an array of advantages:

- They can be used on tissue sections fixed in formalin or glyoxal and embedded in paraffin
- A broad portfolio of over 80 primary antibodies providing consistent results
- Less optimization required with ready-to-use (RTU) antibodies
- They support your research results by reducing the risk of false negative results
- Optimized and validated protocols

If you are looking for a high-quality batch of primary antibodies that will help your lab get accurate and repeatable results, BioGnost's primary antibodies are the way to go. They come with a dedicated series of concentrated or pre-diluted antibodies, ready to use with all the necessary protocols to make sure you get the best results. Protocols are optimized and proven to work. You can be sure you are getting the right antigen at the right levels in your tissue.

**Actin Muscle Specific Mouse Monoclonal Antibody (clone HHF35)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P001-C.01 | IHC-P001-C.1 | IHC-P001-R.2 | IHC-P001-R.7 | IHC-P001-R.15 |

**Actin Smooth Muscle Mouse Monoclonal Antibody (clone 1A4)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P137-C.01 | IHC-P137-C.1 | IHC-P137-R.2 | IHC-P137-R.7 | IHC-P137-R.15 |

**Actin Smooth Muscle Mouse Monoclonal Antibody (clone ACTA2/791)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P002-C.01 | IHC-P002-C.1 | IHC-P002-R.2 | IHC-P002-R.7 | IHC-P002-R.15 |

**Androgen Receptor Mouse Monoclonal Antibody (clone AR441)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P004-C.01 | IHC-P004-C.1 | IHC-P004-R.2 | IHC-P004-R.7 | IHC-P004-R.15 |

**Androgen Receptor Rabbit Monoclonal Antibody (clone EP120)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P060-C.01 | IHC-P060-C.1 | IHC-P060-R.2 | IHC-P060-R.7 | IHC-P060-R.15 |

**Bcl-2 Mouse Monoclonal Antibody (clone 100/D5)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P056-C.01 | IHC-P056-C.1 | IHC-P056-R.2 | IHC-P056-R.7 | IHC-P056-R.15 |

**Bcl-2 Mouse Monoclonal Antibody (clone 124)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P151-C.01 | IHC-P151-C.1 | IHC-P151-R.2 | IHC-P151-R.7 | IHC-P151-R.15 |

**Caldesmon HMW Mouse Monoclonal Antibody (clone CALD1/820)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P116-C.01 | IHC-P116-C.1 | IHC-P116-R.2 | IHC-P116-R.7 | IHC-P116-R.15 |

**Carcinoembryonic Antigen Mouse Monoclonal Antibody (clone C66/1009)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P117-C.01 | IHC-P117-C.1 | IHC-P117-R.2 | IHC-P117-R.7 | IHC-P117-R.15 |

**Carcinoembryonic Antigen Mouse Monoclonal Antibody (clone COL-1)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P141-C.01 | IHC-P141-C.1 | IHC-P141-R.2 | IHC-P141-R.7 | IHC-P141-R.15 |

**CD1a / HTA1 Mouse Monoclonal Antibody (clones O10 & C1A/711, cocktail)**

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P010-C.01 | IHC-P010-C.1 | IHC-P010-R.2 | IHC-P010-R.7 | IHC-P010-R.15 |

### CD3 Rabbit Polyclonal Antibody

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P054-C.01 | IHC-P054-C.1 | IHC-P054-R.2 | IHC-P054-R.7 | IHC-P054-R.15 |

### CD5 Mouse Monoclonal Antibody (clone 4C7)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P052-C.01 | IHC-P052-C.1 | IHC-P052-R.2 | IHC-P052-R.7 | IHC-P052-R.15 |

### CD10 Mouse Monoclonal Antibody (clone 56C6)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P008-C.01 | IHC-P008-C.1 | IHC-P008-R.2 | IHC-P008-R.7 | IHC-P008-R.15 |

### CD20 / MS4A1 Mouse Monoclonal Antibody (clone IGEL/773)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P011-C.01 | IHC-P011-C.1 | IHC-P011-R.2 | IHC-P011-R.7 | IHC-P011-R.15 |

### CD20 / MS4A1 Mouse Monoclonal Antibody (clones L26 & IGEL/773, cocktail)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P009-C.01 | IHC-P009-C.1 | IHC-P009-R.2 | IHC-P009-R.7 | IHC-P009-R.15 |

### CD20 Mouse Monoclonal Antibody (clone L26)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P042-C.01 | IHC-P042-C.1 | IHC-P042-R.2 | IHC-P042-R.7 | IHC-P042-R.15 |

### CD30 Mouse Monoclonal Antibody (clone Ber-H2)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P012-C.01 | IHC-P012-C.1 | IHC-P012-R.2 | IHC-P012-R.7 | IHC-P012-R.15 |

### CD34 Mouse Monoclonal Antibody (clone QBEnd/10)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P085-C.01 | IHC-P085-C.1 | IHC-P085-R.2 | IHC-P085-R.7 | IHC-P085-R.15 |

### CD44 / HCAM Std. Mouse Monoclonal Antibody (clone 156-3C11)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P125-C.01 | IHC-P125-C.1 | IHC-P125-R.2 | IHC-P125-R.7 | IHC-P125-R.15 |

### CD44 Rabbit Monoclonal Antibody (clone EP44)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P145-C.01 | IHC-P145-C.1 | IHC-P145-R.2 | IHC-P145-R.7 | IHC-P145-R.15 |

### CD45 / LCA Mouse Monoclonal Antibody (clone 135-4C5)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P014-C.01 | IHC-P014-C.1 | IHC-P014-R.2 | IHC-P014-R.7 | IHC-P014-R.15 |

### CD45 / LCA Mouse Monoclonal Antibody (clones PD7/26 & 2B11, cocktail)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P127-C.01 | IHC-P127-C.1 | IHC-P127-R.2 | IHC-P127-R.7 | IHC-P127-R.15 |

### CD45RA / LCA Mouse Monoclonal Antibody (clone 158-4D3)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P057-C.01 | IHC-P057-C.1 | IHC-P057-R.2 | IHC-P057-R.7 | IHC-P057-R.15 |

### CD57 / HNK-1 Mouse Monoclonal Antibody (clone NK-1)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P016-C.01 | IHC-P016-C.1 | IHC-P016-R.2 | IHC-P016-R.7 | IHC-P016-R.15 |

### CD68 Mouse Monoclonal Antibody (clone C68/684)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P017-C.01 | IHC-P017-C.1 | IHC-P017-R.2 | IHC-P017-R.7 | IHC-P017-R.15 |

### CD79a Mouse Monoclonal Antibody (clones JCB117 & HM47/A9, cocktail)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P018-C.01 | IHC-P018-C.1 | IHC-P018-R.2 | IHC-P018-R.7 | IHC-P018-R.15 |

### CD99 / MIC2 Mouse Monoclonal Antibody (clone 12E7 & MIC2/877)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P142-C.01 | IHC-P142-C.1 | IHC-P142-R.2 | IHC-P142-R.7 | IHC-P142-R.15 |

### CD117 Rabbit Monoclonal Antibody (clone YR145)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P066-C.01 | IHC-P066-C.1 | IHC-P066-R.2 | IHC-P066-R.7 | IHC-P066-R.15 |

### Cytokeratin 5 Mouse Monoclonal Antibody (clone ZM186)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P068-C.01 | IHC-P068-C.1 | IHC-P068-R.2 | IHC-P068-R.7 | IHC-P068-R.15 |

### Cytokeratin 5/6 Mouse Monoclonal Antibody (clone D5-16B4)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P067-C.01 | IHC-P067-C.1 | IHC-P067-R.2 | IHC-P067-R.7 | IHC-P067-R.15 |

### Cytokeratin 6 Rabbit Monoclonal Antibody (clone EP67)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P129-C.01 | IHC-P129-C.1 | IHC-P129-R.2 | IHC-P129-R.7 | IHC-P129-R.15 |

### Cytokeratin 7 Mouse Monoclonal Antibody (clone K72.7)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P130-C.01 | IHC-P130-C.1 | IHC-P130-R.2 | IHC-P130-R.7 | IHC-P130-R.15 |

### Cytokeratin 7 Mouse Monoclonal Antibody (clone OV-TL12/30)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P138-C.01 | IHC-P138-C.1 | IHC-P138-R.2 | IHC-P138-R.7 | IHC-P138-R.15 |

### Cytokeratin 8 Mouse Monoclonal Antibody (clone 34BH11)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P143-C.01 | IHC-P143-C.1 | IHC-P143-R.2 | IHC-P143-R.7 | IHC-P143-R.15 |

### Cytokeratin 19 Mouse Monoclonal Antibody (clone A53-B/A2.26)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P021-C.01 | IHC-P021-C.1 | IHC-P021-R.2 | IHC-P021-R.7 | IHC-P021-R.15 |

### Cytokeratin Acidic Mouse Monoclonal Antibody (clone AE-1)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P046-C.01 | IHC-P046-C.1 | IHC-P046-R.2 | IHC-P046-R.7 | IHC-P046-R.15 |

### Cytokeratin Basic Mouse Monoclonal Antibody (clone AE-3)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P043-C.01 | IHC-P043-C.1 | IHC-P043-R.2 | IHC-P043-R.7 | IHC-P043-R.15 |

### Cytokeratin High Molecular Weight Mouse Monoclonal Antibody (clone 34bE12)

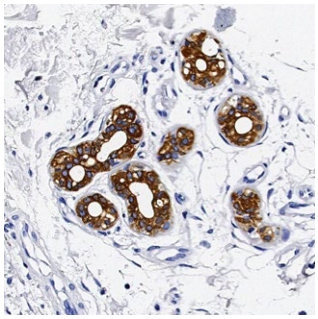
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P051-C.01 | IHC-P051-C.1 | IHC-P051-R.2 | IHC-P051-R.7 | IHC-P051-R.15 |

### Cytokeratin Pan Mouse Monoclonal Antibody (clones AE-1 & AE-3, cocktail)

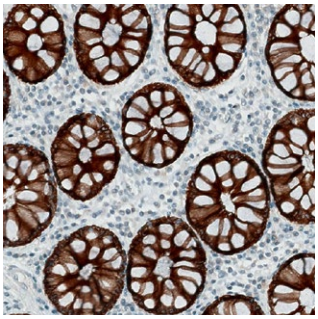
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P119-C.01 | IHC-P119-C.1 | IHC-P119-R.2 | IHC-P119-R.7 | IHC-P119-R.15 |

### Desmin Mouse Monoclonal Antibody (clone D33)

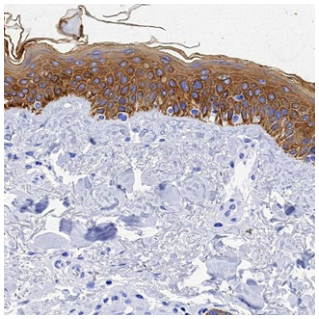
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P025-C.01 | IHC-P025-C.1 | IHC-P025-R.2 | IHC-P025-R.7 | IHC-P025-R.15 |



Cytokeratin 7 Mouse Monoclonal Antibody (clone OV-TL12/30)



Cytokeratin 19 Mouse Monoclonal Antibody (clone A53-B/A2.26)



Cytokeratin High Molecular Weight Mouse Monoclonal Antibody (clone 34bE12)

### E-Cadherin Mouse Monoclonal Antibody (clone ZM63)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P133-C.01 | IHC-P133-C.1 | IHC-P133-R.2 | IHC-P133-R.7 | IHC-P133-R.15 |

### EMA Mouse Monoclonal Antibody (clone E29)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P128-C.01 | IHC-P128-C.1 | IHC-P128-R.2 | IHC-P128-R.7 | IHC-P128-R.15 |

### Estrogen Receptor Mouse Monoclonal Antibody (clone ER505)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P152-C.01 | IHC-P152-C.1 | IHC-P152-R.2 | IHC-P152-R.7 | IHC-P152-R.15 |

### Factor VIII-R Mouse Monoclonal Antibody (clone ZM64)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P069-C.01 | IHC-P069-C.1 | IHC-P069-R.2 | IHC-P069-R.7 | IHC-P069-R.15 |

### GFAP Mouse Monoclonal Antibody (clone ASTRO/789)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P026-C.01 | IHC-P026-C.1 | IHC-P026-R.2 | IHC-P026-R.7 | IHC-P026-R.15 |

### Hairy Cell Leukemia Mouse Monoclonal Antibody (clone DBA.44)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P126-C.01 | IHC-P126-C.1 | IHC-P126-R.2 | IHC-P126-R.7 | IHC-P126-R.15 |

### IgA Rabbit Polyclonal Antibody

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P047-C.01 | IHC-P047-C.1 | IHC-P047-R.2 | IHC-P047-R.7 | IHC-P047-R.15 |

### IgG Rabbit Polyclonal Antibody

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P044-C.01 | IHC-P044-C.1 | IHC-P044-R.2 | IHC-P044-R.7 | IHC-P044-R.15 |

### IgM Rabbit Polyclonal Antibody

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P048-C.01 | IHC-P048-C.1 | IHC-P048-R.2 | IHC-P048-R.7 | IHC-P048-R.15 |

### Kappa Light Chain Mouse Monoclonal Antibody (clone HP6053)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P124-C.01 | IHC-P124-C.1 | IHC-P124-R.2 | IHC-P124-R.7 | IHC-P124-R.15 |

### Kappa Light Chain Rabbit Polyclonal Antibody

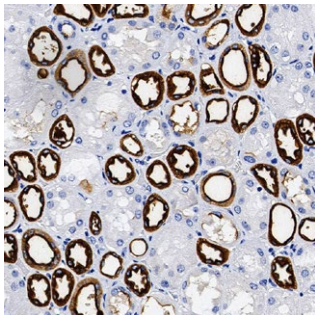
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P049-C.01 | IHC-P049-C.1 | IHC-P049-R.2 | IHC-P049-R.7 | IHC-P049-R.15 |

### Ki-67 Mouse Monoclonal Antibody (clone MIB-1)

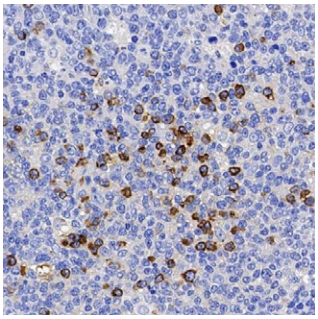
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P071-C.01 | IHC-P071-C.1 | IHC-P071-R.2 | IHC-P071-R.7 | IHC-P071-R.15 |

### Ki-67 Mouse Monoclonal Antibody (clone ZM67)

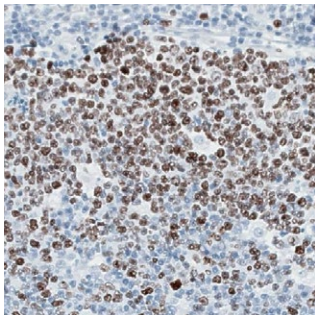
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P072-C.01 | IHC-P072-C.1 | IHC-P072-R.2 | IHC-P072-R.7 | IHC-P072-R.15 |



EMA Mouse Monoclonal Antibody (clone E29)



Kappa Light Chain Mouse Monoclonal Antibody (clone HP6053)



Ki-67 Mouse Monoclonal Antibody (clone MIB-1)

### Ki-67 Rabbit Polyclonal Antibody

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P053-C.01 | IHC-P053-C.1 | IHC-P053-R.2 | IHC-P053-R.7 | IHC-P053-R.15 |

### Lambda Light Chain Rabbit Polyclonal Antibody

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P050-C.01 | IHC-P050-C.1 | IHC-P050-R.2 | IHC-P050-R.7 | IHC-P050-R.15 |

### MART-1 Mouse Monoclonal Antibody (clones M2-7C10 & M2-9E3, cocktail)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P058-C.01 | IHC-P058-C.1 | IHC-P058-R.2 | IHC-P058-R.7 | IHC-P058-R.15 |

### Melanoma Mouse Monoclonal Antibody (clone HMB45)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P028-C.01 | IHC-P028-C.1 | IHC-P028-R.2 | IHC-P028-R.7 | IHC-P028-R.15 |

### Melanoma Pan Mouse Monoclonal Antibody (clones M2-7C10, M2-9E3, T311 & HMB45, cocktail)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P029-C.01 | IHC-P029-C.1 | IHC-P029-R.2 | IHC-P029-R.7 | IHC-P029-R.15 |

### MITF Mouse Monoclonal Antibody (clones D5 & MITF/915, cocktail)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P030-C.01 | IHC-P030-C.1 | IHC-P030-R.2 | IHC-P030-R.7 | IHC-P030-R.15 |

### MUC1 / EMA Mouse Monoclonal Antibody (clone 139H2)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P136-C.01 | IHC-P136-C.1 | IHC-P136-R.2 | IHC-P136-R.7 | IHC-P136-R.15 |

### MUC2 Mouse Monoclonal Antibody (clone CCP58)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P031-C.01 | IHC-P031-C.1 | IHC-P031-R.2 | IHC-P031-R.7 | IHC-P031-R.15 |

### MUC2 Mouse Monoclonal Antibody (clone MLP/842)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P032-C.01 | IHC-P032-C.1 | IHC-P032-R.2 | IHC-P032-R.7 | IHC-P032-R.15 |

### NSE gamma Mouse Monoclonal Antibody (clone ENO2/1462)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P033-C.01 | IHC-P033-C.1 | IHC-P033-R.2 | IHC-P033-R.7 | IHC-P033-R.15 |

### NSE Mouse Monoclonal Antibody (clone ZM24)

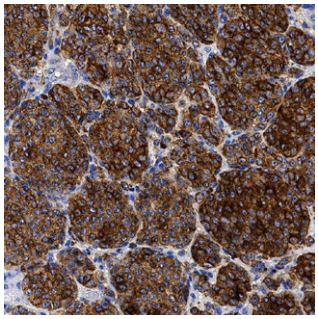
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P074-C.01 | IHC-P074-C.1 | IHC-P074-R.2 | IHC-P074-R.7 | IHC-P074-R.15 |

### P16INK4a Mouse Monoclonal Antibody (clone JC2)

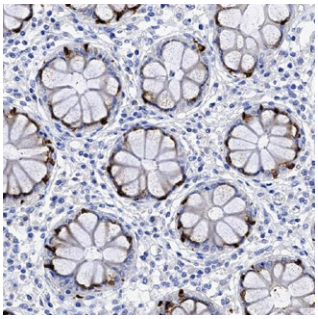
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P149-C.01 | IHC-P149-C.1 | IHC-P149-R.2 | IHC-P149-R.7 | IHC-P149-R.15 |

### p40 Rabbit Monoclonal Antibody (clone ZR8)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P150-C.01 | IHC-P150-C.1 | IHC-P150-R.2 | IHC-P150-R.7 | IHC-P150-R.15 |



MITF Mouse Monoclonal Antibody (clones D5 & MITF/915, cocktail)



MUC2 Mouse Monoclonal Antibody (clone MLP/842)

NSE Mouse Monoclonal Antibody (clone ZM24)

### p53 Mouse Monoclonal Antibody (clone BP53-12)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P035-C.01 | IHC-P035-C.1 | IHC-P035-R.2 | IHC-P035-R.7 | IHC-P035-R.15 |

### p63 Mouse Monoclonal Antibody (clone 4A4)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P075-C.01 | IHC-P075-C.1 | IHC-P075-R.2 | IHC-P075-R.7 | IHC-P075-R.15 |

### p63 Mouse Monoclonal Antibody (clone ZM70)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P076-C.01 | IHC-P076-C.1 | IHC-P076-R.2 | IHC-P076-R.7 | IHC-P076-R.15 |

### Placental Alkaline Phosphatase Mouse Monoclonal Antibody (clone ALP/870)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P039-C.01 | IHC-P039-C.1 | IHC-P039-R.2 | IHC-P039-R.7 | IHC-P039-R.15 |

### PMS-2 Rabbit Monoclonal Antibody (clone EP51)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P078-C.01 | IHC-P078-C.1 | IHC-P078-R.2 | IHC-P078-R.7 | IHC-P078-R.15 |

### Progesterone Receptor Mouse Monoclonal Antibody (clone PR484)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P040-C.01 | IHC-P040-C.1 | IHC-P040-R.2 | IHC-P040-R.7 | IHC-P040-R.15 |

### Prostate Specific Antigen / PSA Mouse Monoclonal Antibody (clone A67-B/E3)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P131-C.01 | IHC-P131-C.1 | IHC-P131-R.2 | IHC-P131-R.7 | IHC-P131-R.15 |

### Prostate Specific Antigen / PSA Mouse Monoclonal Antibody (clone KLK3/801)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P144-C.01 | IHC-P144-C.1 | IHC-P144-R.2 | IHC-P144-R.7 | IHC-P144-R.15 |

### Prostate Specific Antigen / PSA Mouse Monoclonal Antibody (clone ZM36)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P079-C.01 | IHC-P079-C.1 | IHC-P079-R.2 | IHC-P079-R.7 | IHC-P079-R.15 |

### S-100 Mouse Monoclonal Antibody (clone 4C4.9)

| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P055-C.01 | IHC-P055-C.1 | IHC-P055-R.2 | IHC-P055-R.7 | IHC-P055-R.15 |

### Vimentin Mouse Monoclonal Antibody (clone V9)

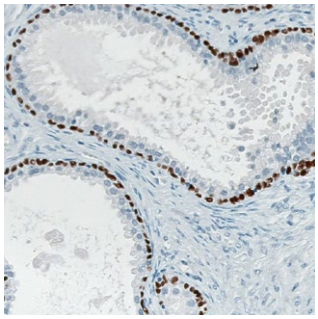
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P045-C.01 | IHC-P045-C.1 | IHC-P045-R.2 | IHC-P045-R.7 | IHC-P045-R.15 |

### Vimentin Mouse Monoclonal Antibody (clone VM452)

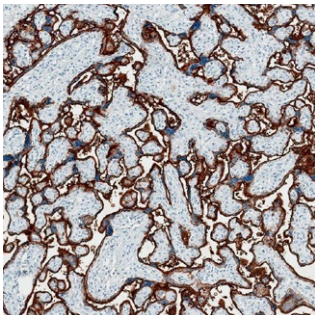
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P132-C.01 | IHC-P132-C.1 | IHC-P132-R.2 | IHC-P132-R.7 | IHC-P132-R.15 |

### WT1 Mouse Monoclonal Antibody (clone 6F-H2)

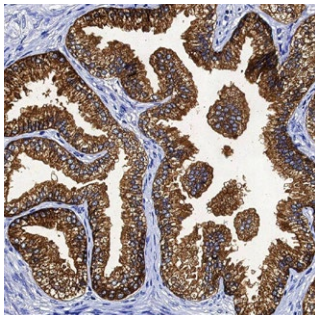
| 0.1 mL conc. | 1 mL conc. | 2 mL RTU | 7 mL RTU | 15 mL RTU |
|---|---|---|---|---|
| IHC-P081-C.01 | IHC-P081-C.1 | IHC-P081-R.2 | IHC-P081-R.7 | IHC-P081-R.15 |



p63 Mouse Monoclonal Antibody (clone ZM70)



Placental Alkaline Phosphatase Mouse Monoclonal Antibody (clone ALP/870)



Prostate Specific Antigen / PSA Mouse Monoclonal Antibody (clone ZM36)

# Secondary antibodies, chromogens and detection systems

CE
IVD

## Secondary antibodies

Our polymerized secondary antibody technology results in a more sensitive and specific staining reaction while maintaining a clean and clear background. All of our polymer kits reduce the number of steps in immunohistochemical staining as they replace traditional biotin-streptavidin procedure.

**One Step Polymer HRP** and **Two Step Polymer HRP** are polymerized secondary antibodies and conjugated with a large number of horseradish peroxidases (HRP) that enable stronger signal intensity and clear background. They are effective with mouse and rabbit primary antibodies**. Two Step Polymer HRP** contains component 1, signal amplifier for use with mouse and rabbit primary antibody and component 2, polymer labeled with HRP enzyme and secondary antibodies, reduced to Fab' fragment. Component 1 enhances the binding of component 2 resulting in a stronger signal with a more diluted primary antibody. Also, in a shorter period of time, only 10 + 10 minutes, compared to the usual secondary antibodies, it enables an intense staining reaction. This saves you money and time. **One Step Polymer AP** is one-component system conjugated with alkaline phosphatase (AP) that is effective with primary mouse and rabbit antibodies.

Here are some additional benefits of using our secondary antibodies:

- Compatible with a wide range of primary antibodies
- Can be used to stain a variety of tissue types
- High signal-to-noise ratio, resulting in clear and consistent staining
- Easy to use and can be used manually or in automated stainers

**One Step Polymer HRP**
Secondary antibody polymer labeled with HRP enzyme

| | |
|---|---|
| 25 mL | IHC-1HRP-R25 |
| 125 mL | IHC-1HRP-R125 |

**Two Step Polymer HRP**
Component 1: Signal amplifier for use with mouse and rabbit primary antibody
Component 2: Polymer labeled with HRP enzyme and secondary antibodies, reduced to Fab' fragment

| | |
|---|---|
| 25 mL | IHC-2HRP-R25 |
| 125 mL | IHC-2HRP-R125 |

**One Step Polymer AP**
Secondary antibody polymer labeled with AP enzyme

| | |
|---|---|
| 25 mL | IHC-1AP-R25 |

# Chromogens

For reliable and crisp visualization of immunohistochemical staining signals, use the **DAB Chromogen kit** and the **RED Chromogen kit**. With simple and quick application, your results will provide high sensitivity and specificity. After applying Hematoxylin IHC contrast staining solution, the signal is clearly visible and after mounting with BioGnost's mounting medium, stained slide is ready for long term preservation.

**DAB Chromogen kit**
Two-reagent DAB kit for signal visualization of immunohistochemical staining

| | |
|---|---|
| 250 tests | IHC-DAB-R25 |
| 1250 tests | IHC-DAB-R125 |

**RED Chromogen kit**
Four-reagent RED kit for signal visualization of immunohistochemical staining

| | |
|---|---|
| 250 tests | IHC-RED-R25 |


# Detection systems

BioGnost offers a wide range of detection systems for immunohistochemical visualization designed for sensitive and specific staining of tissue sections fixed in formalin or glyoxal, and embedded in paraffin.

**One Step HRP Detection System** and **Two Step HRP Detection System** are simple and efficient systems for visualizing immunohistochemical reaction using polymerized secondary antibodies conjugated with horseradish peroxidase. It gives a strong signal intensity with a clear background and can be used with mouse and rabbit primary antibodies. For simple and effective visualization, you can also use **One Step AP Detection System**. All of our systems are manufactured in accordance with the highest quality standards and are available in a wide range of packaging.

**One Step HRP Detection System**
Four-reagent system for immunohistochemical staining visualization

| | |
|---|---|
| 100 tests | IHC-1DSHRP-T100 |
| 250 tests | IHC-1DSHRP-T250 |

**Two Step HRP Detection System**
Five-reagent system for immunohistochemical staining visualization

| | |
|---|---|
| 100 tests | IHC-2DSHRP-T100 |
| 250 tests | IHC-2DSHRP-T250 |

**One Step AP Detection System**
Five-reagent system for immunohistochemical staining visualization

| | |
|---|---|
| 100 tests | IHC-1DSAP-T100 |

# Ancillaries

CE
IVD

## Blocking reagent

Choosing the right blocking reagent is important when using an HRP enzyme-labeled secondary antibody. **Peroxide Block** is used to block endogenous peroxidase in tissue sections.


**Peroxide Block**
Endogenous peroxidase blocking solution

| | |
|---|---|
| 125 mL | IHC-PB-125 |
| 250 mL | IHC-PB-250 |

## Antibody Diluent

BioGnost's **DeSol** primary antibody dilution solution is specially formulated to reduce background staining and non-specific binding of the primary antibody. It also can be used as a negative control.

**DeSol**
Primary antibody diluent

| | |
|---|---|
| 125 mL | IHC-DS-125 |

## Wash buffers

Wash buffers are used to clean remaining reagents from slides and to act as a medium for temporary storage of IHC specimens between reagent applications. **PBS Wash (10x) pH 7.4** and **TBS Wash (10x) pH 7.6** solution concentrates help maintain the morphological characteristics of the antibodies and the corresponding antigens.


**PBS Wash (10x) pH 7.4**
Phosphate buffer solution concentrate for rinsing during immunohistochemical staining

| | |
|---|---|
| 500 mL | IHC-PBS10x-500 |
| 1000 mL | IHC-PBS10x-1L |

**TBS Wash (10x) pH 7.6**
Tris buffer solution concentrate for rinsing during immunohistochemical staining

| | |
|---|---|
| 500 mL | IHC-TBS10x-500 |
| 1000 mL | IHC-TBS10x-1L |

# Epitope retrieval solution

Our antigen unmasking solutions are highly effective at epitope retrieval in tissue sections fixed in formalin or glyoxal (BioGnost's glyoxal-based fixative BioFix GL) and embedded in paraffin when used during a high-temperature treatment. Application of **DeMask Citrate (10x) pH 6.0**, **DeMask EDTA (10x) pH 8.0** or **DeMask Tris (10x) pH 9.0** buffers significantly enhances the specific signal of immunohistochemical staining. We offer a wide range of pH buffers from 6.0 through 8.0 to 9.0 suitable for most of your immunohistochemistry laboratory needs.

**DeMask Citrate (10x) pH 6.0**
Citrate buffer solution concentrate for antigen epitope retrieval at pH 6.0

| | |
|---|---|
| 500 mL | IHC-DMC10x-500 |
| 1000 mL | IHC-DMC10x-1L |

**DeMask EDTA (10x) pH 8.0**
EDTA buffer solution concentrate for antigen epitope retrieval at pH 8.0

| | |
|---|---|
| 500 mL | IHC-DME10x-500 |
| 1000 mL | IHC-DME10x-1L |

**DeMask Tris (10x) pH 9.0**
Tris buffer solution concentrate for antigen epitope retrieval at pH 9.0

| | |
|---|---|
| 500 mL | IHC-DMT10x-500 |
| 1000 mL | IHC-DMT10x-1L |


# Hematoxylin

**Hematoxylin IHC** is a reliable nuclear counterstain for professional manual and automated immunohistochemical staining. The reagent does not interfere with the specific staining that has occurred during the IHC staining procedure. This high-stability reagent is specifically developed for counterstaining in immunohistochemistry where the cell nuclei are stained blue.

**Hematoxylin IHC**
Hematoxylin counterstain for professional manual and automated in immunohistochemistry staining of cell nuclei

| | |
|---|---|
| 1000 mL | IHC-HEM-1L |

# Deparaffination agent

**DeWax** is an aliphatic hydrocarbon-based xylene substitute used as a deparaffinizing and clearing agent for tissue sections and cytological stains. It is used in tissue sections fixed in formalin or glyoxal and embedded in paraffin.
Features and benefits:

- Safe and non-irritating
- Low toxicity and reactivity
- Quickly penetrates the tissue and effectively removes wax
- Miscible with alcohol, making it an ideal intermedium between alcohol and mounting media
- Suitable for manual and automated IHC staining

**DeWax**
Aliphatic hydrocarbon-based reagent intended for deparaffinization and clearing, used in professional manual and automatic IHC staining.

| | |
|---|---|
| 1000 mL | IHC-DW-1L |

# Mounting media

Specialized media for mounting coverslips in immunohistochemistry are jointly distinguished by long-term preserved slides with stable nuclear staining and stable intensity of DAB and RED chromogens. The refractive index is similar to glass, giving a clear and high-quality image under a microscope. The media are non-flammable and do not contain harmful ingredients, which makes them completely safe for the user.

### BioMount IHC Aqua

A water-based medium specially formulated for slides containing DAB and RED chromogens. Smaller volume (30 mL) available in a dropper bottle, other volumes in standard bottles. After application and drying it leaves a uniform flat surface that does not turn yellow or crack over time.

| | |
|---|---|
| 30 mL | BMIA-30 |
| 100 mL | BMIA-100 |
| 250 mL | BMIA-250 |
| 500 mL | BMIA-500 |

### BioMount IHC

Medium with aliphatic hydrocarbon-based polymers, suitable for use after clearing the slide in xylene or a xylene substitute. BioMount IHC is suitable for use in automated coverslippers.

| | |
|---|---|
| 100 mL | BMI-100 |
| 250 mL | BMI-250 |
| 500 mL | BMI-500 |

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MEDICAL PRODUCTS

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