

Colour BrightVision +Poly- HRP-Anti Ms/Rb IgG Biotin-free, Ready-to-use

Instructions For Use

Application:

BrightVision+ Histostaining reagents utilize a novel controlled polymerisation technology to prepare polymeric HRP-linker antibody conjugates. Comparing to conventional biotin-streptavidin based detection kits, BrightVision+ histostaining kits have the advantages of higher amplification power, biotin free and more consistent immunostaining outcomes on archival tissues and on difficult-to-work antibodies. (ref-1) These advantages would bring to laboratories the benefit of more accurate result, faster turn-around, less trouble shooting and better costs-saving.

Kit Components: Post-antibody blocking (ready-to-use) **Gold**
Poly-HRP-Anti-mouse/rabbit IgG (ready-to-use) **Ruby**

Availability:

Catalog No.	Contents	Volume
c-DPVB999HRP	Post-antibody blocking (ready-to-use) Gold Poly-HRP-Anti-mouse/rabbit IgG (ready-to-use) Ruby	1000 ml 1000 ml
c-DPVB500HRP	Post-antibody blocking (ready-to-use) Gold Poly-HRP-Anti-mouse/rabbit IgG (ready-to-use) Ruby	500 ml 500 ml
c-DPVB110HRP	Post-antibody blocking (ready-to-use) Gold Poly-HRP-Anti-mouse/rabbit IgG (ready-to-use) Ruby	110 ml 110 ml
c-DPVB55HRP	Post-antibody blocking (ready-to-use) Gold Poly-HRP-Anti-mouse/rabbit IgG (ready-to-use) Ruby	55 ml 55 ml

Intended use: For In Vitro Diagnostic Use (IVD)

Species of origin: Goat

Antigen Specificity: Anti-Mouse IgG (H+L), Anti-Rabbit IgG (H+L)

Enzyme Conjugate: Peroxidase

Recommended Staining Protocol (kit components in bold):

1. Deparaffinize and rehydrate tissue section.
2. To reduce non-specific background staining due to endogenous peroxidase, incubate slide in hydrogen peroxide for 10-15 minutes.
3. Wash 2 times in PBS or TBS wash buffer.
4. If required, incubate tissue in digestive enzyme or perform appropriate HIER pre-treatment.
5. Wash 2 times in PBS or TBS wash buffer.
6. (Optional) Apply Pre-antibody Blocking Solution (NGS) and incubate for 5 minutes at room temperature to block non-specific background staining.
Note: Do not exceed 10 minutes or there may be a reduction in desired stain.
7. Wash 2 times in PBS or TBS wash buffer).
8. Apply primary mouse or rabbit antibody and incubate according to manufacturer's protocol.
9. Wash 2 times in PBS or TBS wash buffer.
10. Apply **Post-antibody Blocking Gold** and incubate for 15 minutes at room temperature.
11. Wash 2 times in PBS or TBS wash buffer.
12. Apply **Poly-HRP-Goat anti Mouse/Rabbit IgG Ruby** and incubate for 30 minutes at room temperature.
13. Wash 2 times in PBS or TBS wash buffer.
14. Incubate with peroxidase-compatible chromogen of choice according to manufacturer's recommendations.
15. Counterstain and coverslip.

Note: Pre-antibody blocking is optional and can be omitted if primary antibodies are diluted in buffers containing 2-10% normal goat serum.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the bottles.

Reference:

- 1) Shan-Rong Shi, James Guo, Richard J. Cote, Lillian Young, Debra Hawes, Yan Shi, Sandra Thu and Clive R. Taylor, Applied Immunohistochemistry & Molecular Morphology, vol 7, 201-208, 1999