

## BrightVision Poly-HRP-Anti Rb Biotin-free, Ready-to-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:** Poly-HRP-Anti-rabbit IgG (ready-to-use).

### Availability:

Catalog No.	Contents	Volume
DPVR999HRP	Poly-HRP-Anti-rabbit IgG (ready-to-use)	1000 ml
DPVR500HRP	Poly-HRP-Anti-rabbit IgG (ready-to-use)	500 ml
DPVR110HRP	Poly-HRP-Anti-rabbit IgG (ready-to-use)	110 ml
DPVR55HRP	Poly-HRP-Anti-rabbit IgG (ready-to-use)	55 ml

**Species of origin:** Goat

**Antigen Specificity:** 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 appropriate 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 rabbit antibody and incubate according to manufacturer's protocol.
9. Wash 2 times in PBS or TBS wash buffer.
10. Apply **Poly-HRP-Goat anti-Rabbit IgG**, and incubate for 30 minutes at room temperature.
11. Wash 2 times in PBS or TBS wash buffer.
12. Incubate with peroxidase-compatible chromogen of choice according to manufacturer's recommendations.
13. 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.

### 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

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