

BrightVision Poly-AP-Anti Rb Biotin-free, Ready-to-use

Application:

BrightVision+ Histostaining reagents utilize a novel controlled polymerisation technology to prepare polymeric AP-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-AP-Anti-rabbit IgG (ready-to-use).

Availability:

| Catalog No. | Contents | Volume |
|------------------|--|---------|
| DPVR999AP | Poly-AP-Anti-rabbit IgG (ready-to-use) | 1000 ml |
| DPVR500AP | Poly-AP-Anti-rabbit IgG (ready-to-use) | 500 ml |
| DPVR110AP | Poly-AP-Anti-rabbit IgG (ready-to-use) | 110 ml |
| DPVR55AP | Poly-AP-Anti-rabbit IgG (ready-to-use) | 55 ml |

Species of origin: Goat

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

Enzyme Conjugate: Alkaline phosphatase






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-AP-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 Incubate with Fast-Red or New-Fuchsin solution.
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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|  | CE Mark (European Union Countries) |  | In Vitro Diagnostic Medical Device |  | Immunologic bv Typograaf 16 6921 VB Duiven The Netherlands |
|  | Consult Instructions for use |  | 2-8 °C | | T +31 (0) 316 25 03 09 F +31 (0) 316 28 08 09 I www.immunologic.nl E info@immunologic.nl |