

## BrightVision +Poly- AP-Anti Ms/Rb IgG 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:** Post-antibody blocking (ready-to-use)  
Poly-AP-Anti-mouse/rabbit IgG (ready-to-use)

**Availability:**

Catalog No.	Contents	Volume
<b>DPVB999AP</b>	Post-antibody blocking (ready-to-use)	1000 ml
	Poly-AP-Anti-mouse/rabbit IgG (ready-to-use)	1000 ml
<b>DPVB500AP</b>	Post-antibody blocking (ready-to-use)	500 ml
	Poly-AP-Anti-mouse/rabbit IgG (ready-to-use)	500 ml
<b>DPVB110AP</b>	Post-antibody blocking (ready-to-use)	110 ml
	Poly-AP-Anti-mouse/rabbit IgG (ready-to-use)	110 ml
<b>DPVB55AP</b>	Post-antibody blocking (ready-to-use)	55 ml
	Poly-AP-Anti-mouse/rabbit IgG (ready-to-use)	55 ml

**Species of origin:** Goat

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

**Enzyme Conjugate:** Alkaline Phosphatase






**Recommended Staining Protocol (kit components in bold):**

1. Deparaffinize and rehydrate tissue section.
2. Wash 2 times in PBS or TBS wash buffer.
3. If required, incubate tissue in digestive enzyme (or appropriate pre-treatment).
4. Wash 2 times in PBS or TBS wash buffer.
5. (Optional) Apply Pre-antibody Blocking Solution 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.
6. Wash 2 times in PBS or TBS wash buffer.
7. Apply primary mouse or rabbit antibody and incubate according to manufacturer's protocol.
8. Wash 2 times in PBS or TBS wash buffer.
9. Apply **Post-antibody Blocking** and incubate for 15 minutes at room temperature.
10. Wash 2 times in PBS or TBS wash buffer.
11. Apply **Poly-AP-Goat anti Mouse/Rabbit IgG** and incubate for 30 minutes at room temperature.
12. Wash 2 times in PBS or TBS wash buffer.
13. Incubate with Fast-Red or New-Fuchsin solution
14. 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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