



ANTI-MOUSE/RABBIT POLY HRP IHC DETECTION KIT (BIOTIN FREE)

****READY TO USE****

CATALOG NUMBER: 2778

LOT NUMBER:

QUANTITY: 1 kit

BACKGROUND: Chemicon's anti-Mouse/Rabbit Poly HRP IHC Detection kit is for the detection of mouse (IgG or IgM) and rabbit primary antibodies in paraffin-embedded tissue, cryostat sections, blood smears, cytosmears and cell preparations. The Poly HRP IHC kit has the advantage of simpler and faster protocols, higher amplification power, biotin free and more consistent immunostaining outcomes on a variety of tissue types and antibodies.

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| KIT COMPONENTS: | Peroxidase Blocking Solution (Ready-to-Use) | 50 mL |
| | Anti-Mouse/Rabbit Poly HRP (Ready-to-Use) | 50 mL |
| | DAB Buffer | 50 mL |
| | DAB Chromogen | 2.5 mL |

REAGENT PREPARATION: Mix one drop (~25 µL) of **DAB Chromogen** per 1 mL of **DAB Buffer** immediately prior to use.

PROTOCOL: **Immunohistochemistry:** (All procedures should be performed at room temperature)

- Deparaffinize and rehydrate if necessary.
- Perform antigen retrieval or enzyme digestion if necessary. Wash with 5 changes of wash buffer (TBST).

1. Block with the ready-to-use **Peroxidase Blocking Solution**, 5 minutes.
2. Wash with 3 changes of wash buffer (TBST).
3. Incubate the mouse/rabbit primary antibody according to the recommendation for the specific antibody. (Incubation times with the primary antibody will need to be determined by the end user.)
4. Wash with 3 changes of wash buffer (TBST).
5. Incubate with the ready-to-use **Anti-Mouse/Rabbit Poly HRP** for 30 minutes.
6. Wash with 3 changes of wash buffer (TBST).
7. Incubate with the freshly prepared **DAB Chromogen-Buffer** solution for 5-20 minutes.
8. Wash with 5 changes of wash buffer (TBST).
9. Counterstain, dehydrate.
10. Coverslip

NOTES:

1. The system is biotin free so that blocking endogenous biotin is not necessary.
2. Dilute primary antibodies in TBS or PBS containing 10% normal goat serum.

For research use only; not for use as a diagnostic.



- PRESENTATION:** Liquid in PBS containing proteins, stabilizers and a non-azide anti-microbial agent.
- STORAGE/HANDLING:** Maintain product at 2-8°C until expiration date.
- WARNING:** Use of sodium azide as a preservative will substantially inhibit the enzyme activity of HRP.

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