



For In Vitro Diagnostic Use

Mouse/Rabbit PolyDetector AP Label

Intended Use *For in vitro diagnostic use*

Summary And Explanation The Mouse/Rabbit PolyDetector AP is a Goat-Anti-Mouse immunoglobulin conjugated to Alkaline Phosphatase that allows for the demonstration of antigens in paraffin-embedded tissue, cryostat sections, blood smears, cytosmears, and cell preparations. The Mouse/Rabbit PolyDetector AP reagent has been developed using a proprietary tandem hyperlabelling technology used to directly label immunoglobulins with enzymes. This ensures consistent and reproducible immunostaining for all types of nuclear, cytoplasmic and membranal antigens, in different types of tissues.

The increased sensitivity of the Mouse/Rabbit PolyDetector AP Label allows for rapid staining procedures without compromising stain quality. The Mouse/Rabbit PolyDetector AP Label is suitable for use with mouse IgG and IgM and rabbit primary antibodies, both monoclonal and polyclonal. The Mouse/Rabbit PolyDetector AP Label is optimized for use with Bio SB primary antibodies; however, they are universal kits and therefore work equally well with tintoprediluted and concentrated antibodies from Bio SB and different vendors, as long as they are optimized.

Presentation Mouse/Rabbit PolyDetector AP Label contains Anti-Mouse and Anti-Rabbit Alkaline Phosphatase conjugated antibody solution buffered with stabilizers and a non-azide anti-microbial.

Availability

Catalog No.	Volume
BSB 0287	15 mL
BSB 0288	50 mL
BSB 0289	100 mL
BSB 0290	200 mL

Storage

Store at 2-8°C

Stability 3 years

The PolyDetector Solution is stable at 2-8°C for up to 3 years from when originally produced (see expiration date on product label). These products are stable up to the expiration date on the label. Do not use this product after the expiration date. Adhere to all local laws when disposing of this product.

Protocol

Suggested protocol on reverse

Recommended Immunohistochemical Protocol

1. Cut and mount 3-4 micron formalin-fixed paraffin-embedded tissues on positive charged slides.
2. Air dry for 2 hours at 58° C.
3. Deparaffinize, dehydrate and rehydrate tissues.
4. Subject tissues to heat epitope retrieval using a suitable retrieval solution such as ImmunoDNA Retriever with Citrate (BSB 0020-BSB 0023) or EDTA (BSB 0030-BSB 0033).
3. Wash with 5 changes of IHC Wash buffer.
4. Place slides in **PolyDetector AP Blocker** for 5 min.
5. Wash with 3 changes of IHC wash buffer.
6. Cover tissue with the **Primary Antibody** following manufacturer's recommended protocol. If using concentrated antibodies, we suggest using our **ImmunoDetector Protein Block/Antibody Diluent** to dilute antibodies.
7. Wash with 3 changes of IHC wash buffer.
8. Cover tissue with diluted **Mouse/Rabbit PolyDetector AP Label**, incubate for 45 min.
9. Rinse with 3 changes of IHC wash buffer.
10. Cover tissue with prepared ALK substrate-chromogen solution, such as **ALK Blue, ALK Brown, ALK Red, or ALK Magenta Substrate-Chromogens**, and incubate for 10 min.
11. Rinse with 5 changes of DI water
12. Counterstain and then dehydrate.
13. Coverslip with a permanent or water-based mounting medium.

Abbreviated Immunohistochemical Protocol

Step	PolyDetector AP
AP Blocker	5 minutes
Primary Antibody	45 minutes
AP Label	45 minutes
ALK Substrate-Chromogen	10 minutes
Counterstaining	Time varies with counterstain

Precautions

For professional users. Minimize microbial contamination of reagents.
Proper handling procedures should be used.



The following are the appropriate Risk and Safety requirements:

Harmful if swallowed. Irritating to eyes, respiratory system, and skin. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable gloves and eye/face protection. If swallowed seek medical advice immediately and show the product container.



Bio SB, Inc. • 69 Santa Felicia Dr., Santa Barbara, CA 93117, USA.

Tel. (805) 692-2768 • Tel. (800) 561-1145 • Fax. (805) 692-2769

• E-mail: info@biosb.com • Website: www.biosb.com