



## 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

1. For professional users only. Results should be interpreted by a medical professional.
2. Ensure proper handling procedures are used with reagent. Always wear proper personal protective equipment such as laboratory coat, goggles and gloves when handling reagents.
3. This product contains components with sodium azide (NaN<sub>3</sub>), a toxic chemical. At product concentrations it is not classified as hazardous due to its low concentration. Sodium azide may react with plumbing to form highly explosive build-ups of metal azides. Upon disposal, flush with large volumes of water to prevent metal azide build up.
4. Minimize microbial contamination of reagents.
5. Dispose of unused solution according to local and federal regulations.
6. Do not ingest reagent. If reagent ingested, seek medical advice immediately.
7. Avoid contact with eyes. Flush with large quantities of water if contact occurs.
8. Follow safety precautions for the heating device (TintoRetriever Pressure Cooker or similar).
9. For complete recommendations for handling biological specimens please refer to the CDC document, "Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories" (1).

### References

1. U.S. Department of Health and Human Services: Centers for Disease Control and Prevention. Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories. Supplement / Vol. 61, January 6, 2012.

	 Storage Temperature Limites de température Zulässiger Temperaturbereich	 Manufacturer Fabricant Hersteller	<div style="border: 1px solid black; padding: 2px; display: inline-block;">REF</div> Catalog Number Référence du catalogue Bestellnummer
<div style="border: 1px solid black; padding: 2px; display: inline-block;">IVD</div> In Vitro Diagnostic Medical Device Dispositif médical de diagnostic in vitro In-Vitro-Diagnostikum	 Read Instructions for Use Consulter les instructions d'utilisation Gebrauchsanweisung beachten	 Expiration Date Utiliser jusque Verwendbar bis	<div style="border: 1px solid black; padding: 2px; display: inline-block;">LOT</div> Lot Number Code du lot Chargenbezeichnung

