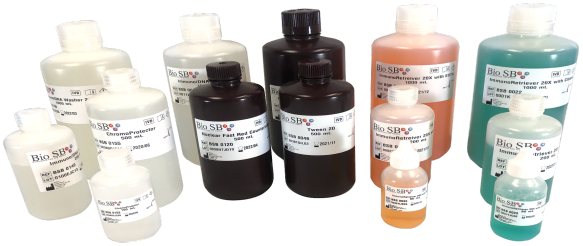
ImmunoDNA Background Blocker

RUO



Intended Use
For Research Use Only.

Summary and Explanation
ImmunoDNA Background Blocker is used to block or reduce background associated with antibodies and/or antigens/nucleic acids that yield high background in immunohistochemical (IHC), CISH/FISH staining procedures. This reagent is designed to minimize the non-specific interactions that may be caused by antibodies or nucleic acids and encourages specific antigen-antibody binding.
ImmunoDNA Background Blocker can also be used as a diluent to dilute monoclonal, polyclonal, and control antibodies of different species that produce high background in IHC or CISH/FISH staining procedures.

Presentation
ImmunoDNA Background Blocker is provided in liquid form ready-to-use. It contains buffer and stabilizing proteins.

Catalog No.	*Concentration*	*Volume*
BSB-0103-RUO	Ready-to-use	15 mL
BSB-0104-RUO	Ready-to-use	50 mL
BSB-0105-RUO	Ready-to-use	100 mL
BSB-0106-RUO	Ready-to-use	200 mL
BSB-0107-RUO	Ready-to-use	1000 mL

Storage Store at 2-8°C

Stability
This product is stable up to the expiration date on the product label.
Do not use after expiration date listed on package label. Temperature fluctuations should be avoided. Store appropriately when not in use. Adhere to all local laws when disposing of this product.

Precautions
1. For professional users only. Results should be interpreted by a qualified medical professional.
2. This product contains <0.1% sodium azide (NaN_3) as a preservative. Ensure proper handling procedures are used with this reagent.
3. Always wear personal protective equipment such as laboratory coat, goggles and gloves when handling reagents.
4. Dispose of unused solution with copious amount of water.
5. Do not ingest reagent. If reagent is ingested, seek medical advice immediately.
6. Avoid contact with eyes. If contact occurs, flush with large quantities of water.
7. Follow safety precautions of the heating device used for epitope retrieval (TintoRetriever Pressure Cooker or similar).
8. For additional safety information refer to Safety Data Sheet for this product.
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" (see References in this document).

Preparation of Working Solution
ImmunoDNA Background Blocker is a ready-to-use working solution and requires no further preparation.

Recommended Protocol

The ImmunoDNA Background Blocker can be used as a blocking reagent or as a diluent:

1. Antibody Diluent: Dilute primary antibodies or negative controls with the ImmunoDNA Background Blocker using appropriate pipetting technique and incubate at the antibody's recommended temperature and time.
2. Protein Blocker: After deparaffinization, rehydration, permeabilization of tissues and application of Peroxidase or AP Blocker, apply ImmunoDNA Background Blocker directly to the tissue section and incubate at room temperature or 37°C for 10 minutes. DO NOT rinse and proceed with primary antibody application and staining procedure.

Note: When diluting antibodies, add antibody to the diluent, not diluent to the antibody. Addition of the antibody to the mixing vessel before the diluent can cause contamination of the diluent if multiple dispenses are necessary. Take the appropriate precautions.

Abbreviated Immunohistochemical Protocol

Step	ImmunoDetector AP/HRP	PolyDetector AP/HRP	PolyDetector Plus HRP
Peroxidase/AP Blocker	5 min.	5 min.	5 min
Primary Antibody	30-60 min.	30-60 min.	30-60 min.
1st Step Detection	10 min.	30-45 min.	15 min.
2nd Step Detection	10 min.	Not Applicable	15 min.
Substrate- Chromogen	5-10 min.	5-10 min.	5-10 min.
Counterstain / Coverslip	Varies	Varies	Varies

Product Limitations

Due to inherent variability present in immunohistochemical procedures (including fixation time of tissues, dilution factor of antibody, retrieval method utilized and incubation time), optimal performance should be established through the use of positive and negative controls. Results should be interpreted by a qualified medical professional.

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.

Symbol Key / Légende des symboles/Erläuterung der Symbole

Storage Temperature Limites de température Zulässiger Temperaturbereich	Manufacturer Fabricant Hersteller	Catalog Number Référence du catalogue Bestellnummer
Read Instructions for Use Consulter les instructions d'utilisation Gebrauchsanweisung beachten	Expiration Date Utiliser jusque Verwendbar bis	Lot Number Code du lot Chargenbezeichnung

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