
Immunohistochemistry Washing Solution (10×TBST)

Cat. No.: I1516101 | Pack size: 500 mL | Storage: Store at 2-8°C

Overview

Immunohistochemistry Washing Solution (TBST), also known as Immunohistochemistry Rinsing Buffer, is used for washing after the incubation of primary or secondary antibodies during immunohistochemical staining. Proper washing can reduce background interference and enhance the signal-to-noise ratio.

Immunohistochemistry Washing Solution (10×TBST) is formulated with Tris, sodium chloride, an appropriate amount of Tween 20 and preservative PC300. It can permeabilize cell membranes, and intracellular target proteins in cell samples treated with this product can be detected, including those in the cytoplasm and nucleus. Based on the dosage of 10 ml TBST required for washing per sample group, one package of this solution can be used for 50 washes. This reagent is for research use only (RUO) and not intended for clinical diagnosis or any other applications.

Operating Procedures (For Reference Only)

1. Take an appropriate amount of this product and add 9 volumes of deionized water to prepare the working solution of Immunohistochemistry Washing Solution (TBST).
2. After the incubation of primary or secondary antibodies, add an appropriate amount of TBST working solution to completely cover the samples.
3. Gently shake and rinse on a shaker for 5 minutes, then replace the solution and repeat the rinsing twice for 5 minutes each time.

Precautions

1. If shaking is likely to cause sample detachment, soak the samples in the washing solution without shaking. In this case, extend the rinsing time to 5-8 minutes and increase the rinsing frequency by 1-2 times. If the background interference remains high, the rinsing time and frequency can be further increased.
2. Use the product as soon as possible after opening, as the efficacy of the solution may decrease upon prolonged storage.
3. Generally, extending the washing time or increasing the washing frequency will not have a negative effect on the results of immunostaining.

4. Use the reagent immediately after opening to prevent adverse impacts on subsequent experimental results.
5. For your safety and health, wear a lab coat and disposable gloves during the operation.

Specifications

Attribute	Value
Specifications & Purity	BioReagent, for microscopy, Suitable for Immunohistochemistry(IHC), 10×
Stability And Storage	Store at 2-8 °C long term (12 months). Storage Conditions Store at 2-8°C
Shipped In	Wet ice This product requires cold chain shipping. Ground and other economy services are not available.

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

NORTH AMERICAN SALES, SUPPORT & GENERAL INQUIRIES Aladdin Scientific Corporation 14078 Meridian Parkway, Riverside, CA 92518, USA Phone: 1-833-552-7181 Sales: sales@aladdinsci.com Customer Service: custserv@aladdinsci.com	EU SALES, LOGISTICS & LOCALIZED SUPPORT Aladdin Biochem Deutschland GmbH Westring 2, 33142 Büren, Germany Phone: +02951 9383958 Support: support.eu@aladdinsci.com
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Limitations & Disclaimer

- For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.

- Where any kit component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
- Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating the product for their specific application.
- Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document must be reviewed and reissued.