Product Datasheet

10X Tris-EDTA buffer pH 9.0
NB900-62085

Unit Size: 500 ml

Store at room temperature.

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Publications: 2

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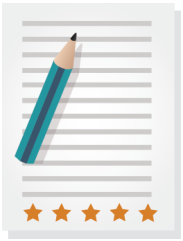

NB900-62085

10X Tris-EDTA buffer pH 9.0

Product Information	
Unit Size	500 ml
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Store at room temperature.
Preservative	No Preservative
Buffer	Dilute one part buffer in nine parts distilled water.

Product Description	
Species	Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:33847205)
Specificity/Sensitivity	10X Tris-EDTA Buffer for Heat Induced Epitope Recovery, pH 9.0

Product Application Details	
Applications	Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	The antigen retrieval protocol is recommended for use in tissues that have been fixed in formalin only. Ensure that the fixed sections are adequately embedded in paraffin. Cut tissue sections to 4-5 microns. Preparation of Working Solutions 1. The 10X concentrated format should be diluted tenfold with distilled or deionized water. 2. Mix one part of concentrated Antigen Retrieval Solution with nine parts of deionized or distilled water. 3. Shake the bottle vigorously to completely mix the components of the concentrate (the solution may separate into phases over time). 4. Store with cap tightly secured. Protocol Recommendations 1. Deparaffinize and rehydrate tissue sections. 2. Place slides into 1X retrieval solution in a slide container (e.g. Coplin jar, Tissue-Tek, staining dish or metal slide canister). 3. Retrieve sections under pressure. 4. After take-off reagent jar containing slides from pressure cooker, allow the slides to cool for 20 minutes to reach room temperature. 5. Wash slides in deionized water and then with wash buffer. Proceed with immunostaining recommendations in the antibody datasheet. 6. Gently rinse by gradually adding DI water to the solution, then remove slides and rinse with DI water. Use in Immunocytochemistry/Immunofluorescence reported in scientific literature (PMID:33847205).

Publications

Juanola O, Hassan M, Kumar P et al. Intestinal microbiota drives cholestasis-induced specific hepatic gene expression patterns Gut microbes 2021-04-13 [PMID: 33847205] (ICC/IF, Mouse)

Guillot A, Kohlhepp MS, Bruneau A et al. Deciphering the Immune Microenvironment on A Single Archival Formalin-Fixed Paraffin-Embedded Tissue Section by An Immediately Implementable Multiplex Fluorescence Immunostaining Protocol Cancers 2020-08-28 [PMID: 32872334] (Mouse, Human)

Procedures

Serum protocol for 10X Tris-EDTA buffer pH 9.0 (NB900-62085)
Protocol Specific for NB900-62085:
Intended Use: To recover antigens masked by fixation in cross linking fixatives such as formalin.

Format: 500 ml (10X concentrated) clear buffer

Storage: Store at room temperature. Do not use beyond the expiration date stated on the label.

Preparation of Reagent: Dilute one part buffer with nine parts distilled water.

Procedure: 1. Deparaffinize and rehydrate tissue sections.
2. Fill a coplin jar with sufficient 1X Tris-EDTA Buffer to cover the tissue sections on the slides.
3. Place coplin jar in steamer or water bath.
4. Heat steamer or water bath containing coplin jar to 95-100 degrees C.
5. Place deparaffinized slides (1-3 slides/jar) in the coplin jar and incubate for 20-40 minutes (optimal incubation time should be determined by the end used).
6. Remove coplin jar from the water bath and allow the slides to cool for 20 minutes to reach room temperature.
7. Wash slides in deionized water and then with wash buffer. Proceed with immunostaining.

Reference: Shi et al. J Histochem Cytochem 39: 741, 1991.

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