

Datasheet for MB-071-0100

Blocking Buffer for Immunohistochemistry (Serum and Azide Free)

Overview

Description:	Blocking Buffer for Immunohistochemistry - Serum and Azide Free - MB-071-0100
Item No.:	MB-071-0100
Size:	100 mL
Applications:	IHC

Product Details

Background:	A detailed protocol for immunohistochemical staining is available at www.rockland.com .
Synonyms:	Immunohistochemistry Blocking Buffer Serum And Azide Free, IHC Blocking Buffer Serum And Azide Free, Immunohistochemistry Protein Blocker, Serum free blocking buffer, Immunohistochemistry Protein Blocking Buffer

Target Details

Purity/Specificity:	Blocking Buffer for Immunohistochemistry (Serum And Azide Free) was aseptically filtered through a Millipore 0.22 micron filter into clean, pre-sterilized containers. The product was tested on trypticase soy agar for 24 hours, 48 hours and 72 hours and was found to be negative for bacteria.
Relevant Links:	MB-071 SDS

Application Details

Tested Applications:	IHC
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Application Note:	This immunohistochemistry protein blocker is specifically designed for immunohistochemical staining where detection occurs using an immunoenzymatic reaction with substrate, i.e. peroxidase (HRP) with diaminobenzidine (DAB). This product specifically inhibits non-specific staining of IHC detection reagents. It may be used on various specimens, including cultured cells and primary tissue to lower background staining. Optimum performance is achieved using this product undiluted. However, Immunohistochemistry Protein Blocking Buffer can often be diluted 1:1 in TBS without a significant loss of performance. This immunohistochemistry protein blocker consists of proprietary blocking agents and stabilizers prepared using ultra pure reagents dissolved in pharmaceutical grade water (WFI). The buffer is pH adjusted to pH 7.6.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
IHC:	Undiluted or 1:1

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 X
Buffer:	See application note.
Preservative:	Thimerosal is added as an antimicrobial agent.
Stabilizer:	Proprietary

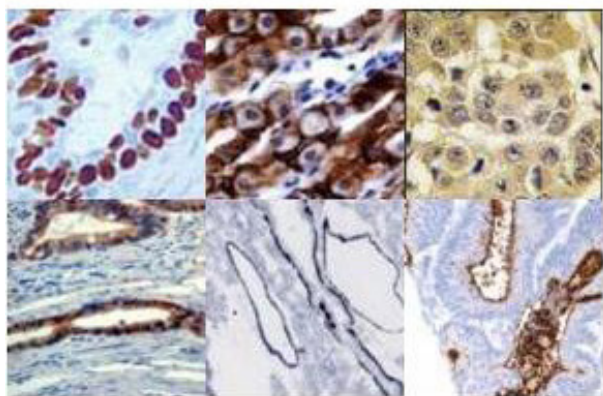
Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store container at 4° C before opening. DO NOT FREEZE.
Expiration:	Expiration date is six (6) months from date of receipt.

Images

**Bottle**

Blocking Buffer for Immunohistochemistry - Serum and Azide Free

**Immunohistochemistry**

Immunohistochemistry Protein Blocker is the best first choice for blocking paraffin fixed or frozen sectioned tissues specimens for immunohistochemical staining for immunoenzymatic signal processing. IHC Protein Blocker is suitable for manual or automated IHC staining systems.

References

- Wang, H et al. High expression of B23 is associated with tumorigenesis and poor prognosis in bladder urothelial carcinoma. *Molecular Medicine Reports* (2017)

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.