



BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) - B501-0500

Code: B501-0500

Size: 500

Lot: 46216

Product Description: BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) - B501-0500

PhysicalState: Lyophilized

Label	Unconjugated
Buffer	None
Reconstitution Buffer	Restore with deionized water (or equivalent)
Stabilizer	None
Preservative	None
Storage Condition	Store container at room temperature prior to opening. After reconstitution, use blocking buffers immediately. Dilute solutions may be stored at 4° C for up to four (4) days. Solutions containing BLOTTO may be frozen.
Synonyms	Blotto Immunoanalytical Grade Non-Fat Dry Milk, Blocking reagent for western, antibody dilution buffer
Application Note	Use Rockland's BLOTTO whenever procedures call for immunoanalytical grade non-fat dry milk. Alternative blocking agents such as BLOTTO A (solution of TBS, 5% non-fat dry milk and 0.05% Tween-20) and BLOTTO B (solution of TBS, 1% non-fat dry milk, 1% BSA and 0.05% Tween-20) are also available. BLOTTO A is a convenient general purpose blocking agent. BLOTTO B is recommended for blocking when phospho-specific antibodies are used. BLOTTO A and BLOTTO B provide Tween-20 in a separate vial in liquid form (p/n TW0025). Users should consider the addition of protease inhibitors and phosphatase inhibitors when required. Typically 50 mM NaF can be added to BLOTTO solutions to inhibit phosphatase activity.
Background	Rockland Immunochemicals produces the following blocking buffer reagents: BSA, BLOTTO, BLOTTO A, BLOTTO B and Blocking Buffer for Fluorescent Western Blotting (see related products below). These products are intended to block non-specific binding of proteins in various immunological assays. Typically, western blotting and ELISA methods call for the addition of a blocking agent prior to the addition of primary antibody.
Purity And Specificity	This product contains highly purified immunoanalytical grade non-fat dry milk.
Expiration	Expiration date is one (1) year from date of opening.
Specific Reference	- Re-engineering Antimicrobial Peptides into Oncolytics Targeting Drug-Resistant Ovarian Cancers.;2020;Cel. Mol. Bioeng.;Aronson, M.R., Dahl, E.S., Halle, J.A. et al. - Human myeloperoxidase (hMPO) is expressed in neurons in the substantia nigra in Parkinson's disease and in the hMPO--synuclein-A53T mouse model, correlating with increased nitration and aggregation of -synuclein and exacerbation of motor impairment.;2019;Free Radic Biol Med.;Maki RA, Holzer M, Motamedchaboki K, et al. - Portable, on-demand biomolecular manufacturing.;2016;Cell.;Pardee K et al. - T47D Cells Expressing Myeloperoxidase Are Able to Process, Traffic and Store the Mature Protein in Lysosomes: Studies in T47D Cells Reveal a Role for Cys319 in MPO Biosynthesis that Precedes Its Known Role in Inter-Molecular Disulfide Bond Formation.;2016;PLoS One.;Laura RP et al.

Related Products

600-401-MN0S	Foxp3 Antibody600-401-MN0S
600-401-HB8S	SQSTM1/p62 Antibody600-401-HB8S
600-401-MG4S	Beclin 1 Antibody600-401-MG4S
600-401-MN0	Foxp3 Antibody600-401-MN0

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.