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Datasheet for BCBT-100

BCIP/TNBT Membrane Alkaline Phosphatase Substrate

Overview

Description:	BCIP/TNBT Membrane Alkaline Phosphatase Substrate - BCBT-100
Item No.:	BCBT-100
Size:	100 mL
Applications:	IHC, WB

Product Details

Background:	BCIP/TNBT (5-Bromo-4-chloro-3'-indolyphosphate p-toluidine salt/ Tetrazolium nitro blue tetrazolium chloride) is utilized in combination as a chromogenic substrate for alkaline phosphatase (AP) in various applications, including WB and IHC. The reaction produces an insoluble dark purple/blue precipitate. This substrate is particularly useful for chromogenic detection in blotting and in situ hybridization assays due to its high sensitivity and resolution.
Synonyms:	5-Bromo-4-chloro-3-indonyl phosphate, X-phosphate, XP, Tetra-nitro-blue-tetrazolium chloride

Target Details

Purity/Specificity:	pH: 9.28 +/- 0.1 QC Raw Material: PASS Absorbance check of final product: PASS Performance Data per Immunoblot: PASS
Relevant Links:	• BCBT-100 SDS

Application Details

Tested Applications:	IHC, WB
Application Note:	BCIP/TNBT Membrane Alkaline Phosphatase Substrate is a useful detection reagent for Western blot, Immunohistochemistry, and in situ hybridization.

Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
IHC:	1X
WB:	1X

Formulation

Physical State:	Liquid - clear to very faint yellow/orange
Stabilizer:	Proprietary buffer with enhancer

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store container at 4° C prior to opening. Protect BCIP/TNBT Membrane Alkaline Phosphatase Substrate from moisture and light. No special shipping conditions or precautions are required.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

Bottle
BCIP/TNBT MEMBRANE ALKALINE PHOSPHATASE SUBSTRATE

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.