

Datasheet for K047

Stable DAB/Plus

Overview

Description:	Stable DAB/Plus - K047
Item No.:	K047
Size:	1 Kit
Applications:	IHC

Product Details

Background:	DAB (3,3'-Diaminobenzidine) is extensively used in IHC as a chromogenic substrate for the peroxidase (HRP) enzyme, resulting in a brown-colored precipitate at the site of enzyme activity. It is favored for its high-resolution staining and compatibility with light microscopy.
Synonyms:	DAB, Diaminobenzidine, peroxidase substrate
Detection Kit Type:	Immunohistochemistry Kit

Target Details

Purity/Specificity:	Reagents provided: Concentrated Amber-Colored DAB Chromogen Solution 5mL, Clear Stable DAB/Plus Substrate Buffer 200mL, Empty Mixing Dropper Bottle.
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Relevant Links:	<ul style="list-style-type: none">Stable DAB/Plus Protocol
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Application Details

Tested Applications:	IHC
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Application Note:	Stable DAB/Plus offers several noteworthy improvements and benefits as compared with traditional working DAB solutions. Stable DAB/Plus is much more sensitive, providing the cost-effective option of diluting the primary antibody. Being stable for 5 days (as opposed to 6 hours for traditional DAB working solutions), Stable DAB/Plus allows the user the convenience of making one working solution for the entire work week. Hazardous waste generation from spent DAB solution is also significantly reduced. Stable DAB/Plus is ideal for high volume labs and automated stainers. Aliquot 20 μ L (1 drop) of DAB Chromogen Solution into 1mL of DAB/Plus Substrate Buffer in the Dropper bottle and mix thoroughly.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

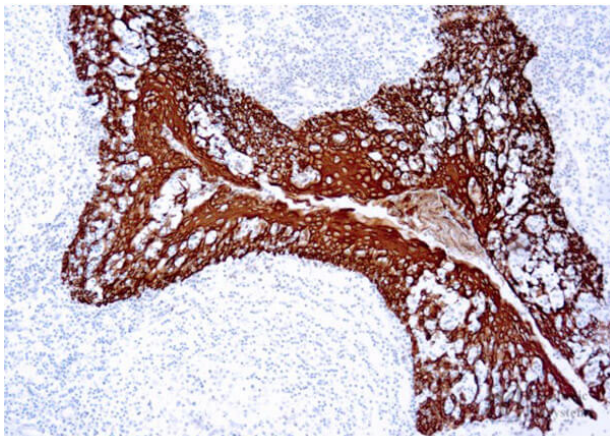
Formulation

Physical State:	Liquid
Concentration:	1 Kit
Preservative:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store at 2°-8°C away from light. Do not use product after the expiration date printed on vial. If reagents are stored under conditions other than those specified here, they must be verified by the user. Diluted reagents should be used promptly. Working solution stable for 5 days.

Images



Immunohistochemistry

Immunohistochemistry of using Stable DAB/Plus of human tonsil. Incubate tissue sections for 5-10 minutes at room temperature. For optimal results, observe reaction under the microscope for signal development.

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.