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Datasheet for 600-401-AW8

DOCK8 Antibody

Overview

Description:	Anti-DOCK8 (RABBIT) Antibody - 600-401-AW8
Item No.:	600-401-AW8
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The Dedicator of cytokinesis protein 8 (DOCK8) is a member of the DOCK180 family of guanine nucleotide exchange factors (1). DOCK8 plays an essential role in humoral immune responses and is important in the proper formation of the B cell immunological synapse (reviewed in 2). Mutations in this gene result in the autosomal recessive form of the hyper-IgE syndrome (3).
Synonyms:	DOCK8 Antibody, MRD2, ZIR8, HEL-205, Dedicator of cytokinesis protein 8
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	DOCK8
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-DOCK8 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid peptide near the C-terminus of human DOCK8.
Purity/Specificity:	Anti-DOCK8 antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. DOCK8 antibody is human, mouse and rat reactive. Multiple isoforms of DOCK8 are known to exist.
Relevant Links:	• UniProtKB - Q8NF50

- GeneID - 81704
- NCBI - NP_982272

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	Anti-DOCK8 Antibody has been tested for use in ELISA, Western Blotting, and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 239 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
IHC:	5 µg/mL
WB:	1-2 µg/mL

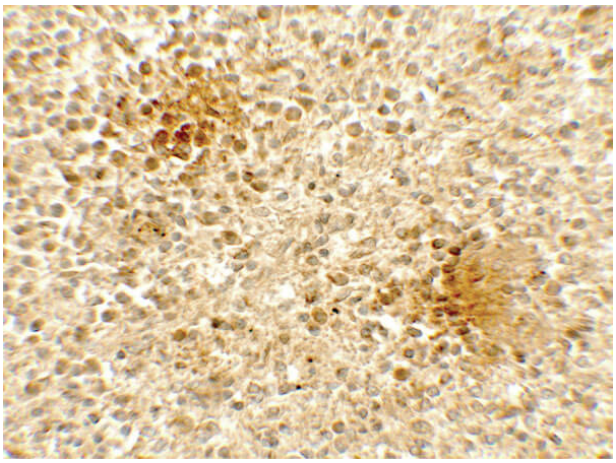
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

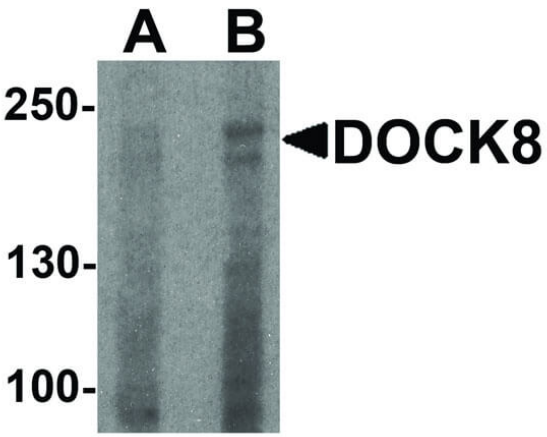
Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Immunohistochemistry
Immunohistochemistry of Rabbit anti-DOCK8 antibody. Tissue: human spleen tissue. Primary antibody: DOCK8 antibody at 5 µg/mL. Secondary antibody: Peroxidase rabbit secondary antibody at 1:5,000. Localization: DOCK8 is located on the membrane. Staining: DOCK8 as precipitated brown signal.



Western Blot
Western Blot of Rabbit anti-DOCK8 antibody. Lane A: EL4 cell lysate at 1 µg/mL. Lane B: EL4 cell lysate at 2 µg/mL. Primary antibody: DOCK8 antibody overnight at 4Ċ. Secondary antibody: Rabbit secondary antibody. Block: 5% BLOTTO. Predicted/Observed size: 166, 220, 231 kDa, 220, 230 kDa for DOCK8.

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.