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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

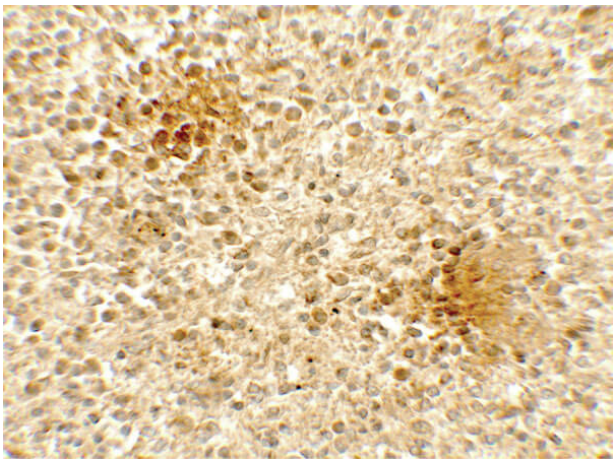
Formulation

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

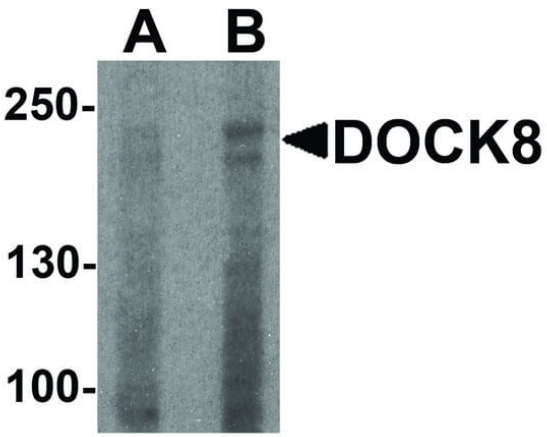
Shipping & Handling

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.

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