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Datasheet for 600-401-EN7

SLAMF9 Antibody

Overview

Description:	Anti-SLAMF9 (RABBIT) Antibody - 600-401-EN7
Item No.:	600-401-EN7
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	The SLAM (signaling lymphocyte activation molecule) family is a novel group of receptors on T cells in modulating the immune response. SLAMF9, also known as CD2F-10 or CD84 homolog, is a 289 amino acid type I transmembrane protein that shares 58% identity with the mouse protein. The SLAMF9 protein is predominantly expressed in hematopoietic tissues and contains an extracellular region with only two N-linked glycosylation sites, a 20-residue transmembrane region and a highly positively charged 30-residue cytoplasmic tail, suggesting a role for SLAMF9 as an adhesion molecule. SLAMF9 is thought to function in the immune response as a coreceptor for lymphocyte activation.
Synonyms:	SLAMF9 Antibody, CD2F10, CD84H1, SF2001, CD2F-10, CD84-H1, CD2F10, UNQ1938/PRO4421, SLAM family member 9, CD2 family member 10
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	SLAMF9
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-SLAMF9 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid synthetic peptide near the C-terminus of human SLAMF9.

Purity/Specificity:	Anti-SLAMF9 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. SLAMF9 antibody is predicted to not cross-react with other SLAM protein family members.
Relevant Links:	• UniProtKB - Q96A28 • GeneID - 89886 • NCBI - NP_001139645

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-SLAMF9 Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 32 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
IF:	20 µg/mL
IHC:	2.5 µg/mL
WB:	1-2 µg/mL

Formulation

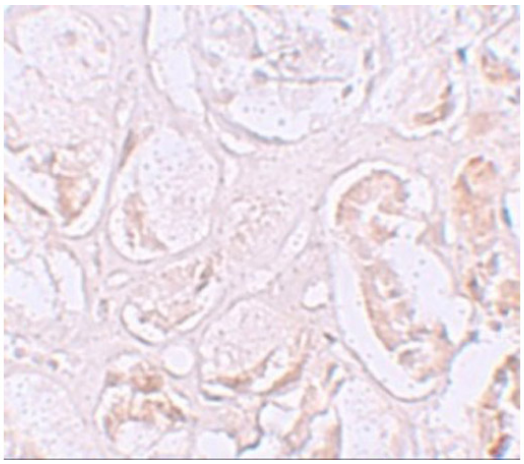
Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

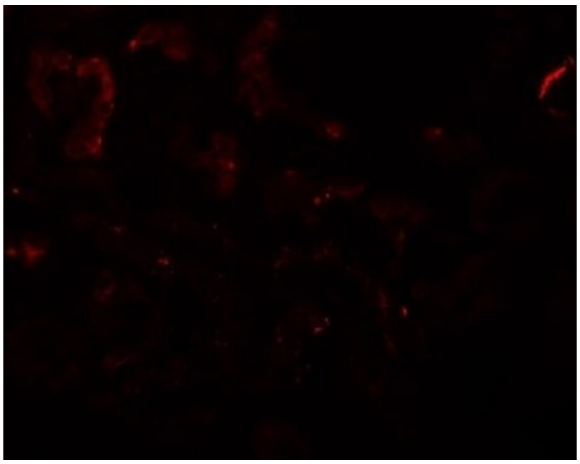
Shipping Condition:	Dry Ice

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.

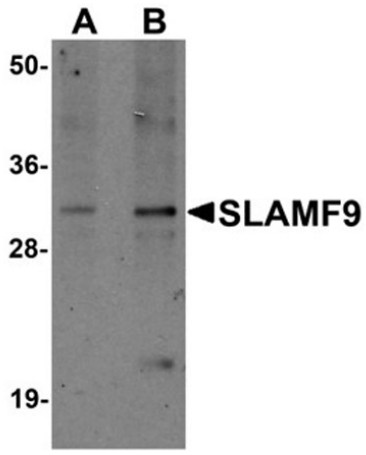
Images



Immunohistochemistry
Immunohistochemistry of SLAMF9.
Tissue: human kidney tissue.
Primary Antibody: SLAMF9 antibody at 2.5 µg/mL.



Immunofluorescence Microscopy
Immunofluorescence of SLAMF9.
Tissue: human kidney tissue.
Primary Antibody: SLAMF9 antibody at 20 µg/mL.



Western Blot
Western blot analysis of SLAMF9.
Load: mouse kidney tissue lysate.
Primary Antibody: SLAMF9 antibody at (A) 1µg/mL and (B) 2µg/mL.

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