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Datasheet for ABIN6991488  
**anti-SLAMF9 antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	SLAMF9
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLAMF9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	SLAMF9 antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human SLAMF9. The immunogen is located within the last 50 amino acids of SLAMF9.
Isotype:	IgG
Specificity:	SLAMF9 antibody is predicted to not cross-react with other SLAM protein family members.
Purification:	SLAMF9 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	SLAMF9
Alternative Name:	SLAMF9 ( <a href="#">SLAMF9 Products</a> )

## Target Details

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**Background:** SLAMF9 Antibody: The SLAM (signalling 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.

**Gene ID:** 89886

**NCBI Accession:** [NP\\_001139645](#)

**UniProt:** [Q96A28](#)

## Application Details

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**Application Notes:** SLAMF9 antibody can be used for detection of SLAMF9 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** SLAMF9 Antibody is supplied in PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C, 4 °C

**Storage Comment:** SLAMF9 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.