

Rabbit SLAMF3 Polyclonal Antibody | anti-LY9 antibody

SLAMF3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40196	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

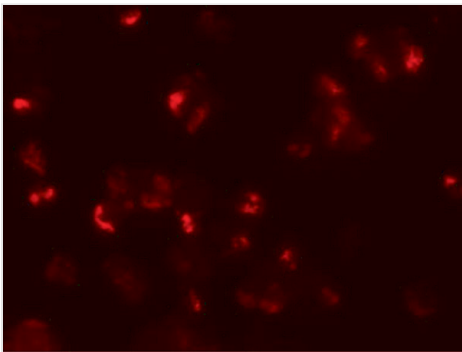
PRODUCT SYNONYMS

SLAMF3; Polyclonal Antibody; SLAMF3 Antibody; hly9; mLY9; CD229; T-lymphocyte surface antigen Ly-9; Cell surface molecule Ly-9; lymphocyte antigen 9; anti-LY9 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of SLAMF3 are known to exist. SLAMF3 antibody is predicted to not cross-react with other SLAM protein family members.
Purity/Purification	SLAMF3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	655
Applicable Applications for anti-LY9 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SLAMF3 antibody was raised against an 18 amino acid synthetic peptide near the carboxy terminus of human SLAMF3.
Buffer	SLAMF3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SLAMF3 antibody can be stored at 4 degree C for three months and -20 degree 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.

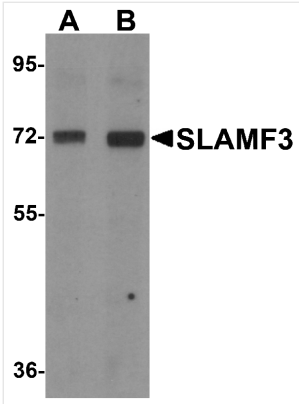
IMAGES



IF (Immunofluorescence)
Immunofluorescence of SLAMF3 in 293 cells with SLAMF3 antibody at 20 µg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of SLAMF3 in 293 cells with SLAMF3 antibody at 10 µg/mL.



WB (Western Blot)
Western blot analysis of SLAMF3 in 293 cell lysate with SLAMF3 antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-LY9 antibody

SLAMF3 Antibody: The signaling lymphocyte-activation molecule family member 3 (SLAMF3), also known as LY9, is a cell surface receptor that is expressed on T and B lymphocytes and belongs to the CD150/SLAMF1 receptor family. SLAMF3 was identified through a yeast two-hybrid screening in which SLAMF3 bound to the X-linked lymphoproliferative disease gene product SAP, suggesting that in activated T cells, SLAMF3 signaling can be triggered SAP. Its expression on the cell surface appears to be regulated via its interaction with the clathrin-associated adaptor complex 2 (AP-2). Despite its similarity to SLAMF1 in structure and interactions with SAP, SLAMF3-deficient mice do not exhibit phenotypic characteristics associated with SLAMF1- and SAP-deficient mice, suggesting that SLAMF3 plays other roles in T cell activation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	55925578
NCBI GeneID	4063
NCBI Accession #	NP_1769
NCBI GenBank Nucleotide #	NM_002348.3
UniProt Accession #	Q9HBG7; Q14775; Q5VYI3; Q6P2J4; Q9H4N5; Q9NQ24; A8K7N3
Molecular Weight	71,961 Da
NCBI Official Full Name	T-lymphocyte surface antigen Ly-9 isoform a
NCBI Official Synonym Full Names	lymphocyte antigen 9
NCBI Official Symbol	LY9

NCBI Official Synonym Symbols	hly9; mLY9; CD229; SLAMF3
NCBI Protein Information	T-lymphocyte surface antigen Ly-9; SLAM family member 3; cell surface molecule Ly-9; signaling lymphocytic activation molecule 3
UniProt Protein Name	T-lymphocyte surface antigen Ly-9
UniProt Gene Name	LY9
UniProt Synonym Gene Names	SLAMF3
UniProt Entry Name	LY9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slamf3-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/40196>