

Rabbit anti-Human SLAM/CD150/SLAMF1 Polyclonal Antibody | anti-SLAMF1 antibody

Anti-SLAM/CD150/SLAMF1 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126347	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry

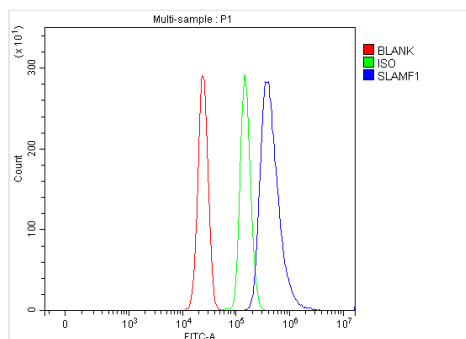
PRODUCT SYNONYMS

SLAM/CD150/SLAMF1; Polyclonal Antibody; Anti-SLAM/CD150/SLAMF1 Antibody Picoband; anti-SLAMF1 antibody

PRODUCT SPECIFICATIONS

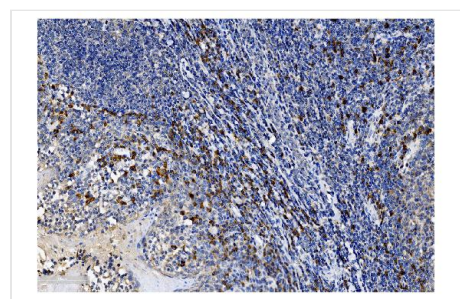
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SLAMF1 antibody	ELISA, FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human SLAM/CD150/SLAMF1 recombinant protein (Position: K34-N213).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of U937 cells using anti-SLAM/CD150/SLAMF1 antibody (AAA126347). Overlay histogram showing U937 cells stained with AAA126347 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-SLAM/CD150/SLAMF1 Antibody (AAA126347, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



IHC (Immunohistochemistry)

Figure 1. IHC analysis of SLAM/CD150/SLAMF1 using anti-SLAM/CD150/SLAMF1 antibody (AAA126347). SLAM/CD150/SLAMF1 was detected in a paraffin-embedded section of human tonsil tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-SLAM/CD150/SLAMF1 Antibody (AAA126347) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-SLAMF1 antibody	Signaling lymphocytic activation molecule 1 is a protein that in humans is encoded by the SLAMF1 gene. SLAMF1 Antibody: The signaling lymphocyte-activation molecule family member 1 (SLAMF1) is a novel receptor on T cells that potentiates T cell expansion in a CD28-independent manner. SLAMF1 is predominantly expressed by hematopoietic tissues. Reports suggest that the extracellular domain of SLAMF1 is the receptor for the measles virus and acts as a co-activator on both T and B cells. It is thought to interact with SH2D1A and with PTPN11 via its cytoplasmic domain. Mutations of the SLAM associated gene may be associated with X-linked lympho-proliferative disease (XLP).
Product Categories/Family for anti-SLAMF1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	9297047
NCBI GeneID	6504
UniProt Accession #	Q13291; Q5W172; Q9HBE8
Molecular Weight	335
NCBI Official Full Name	Signaling lymphocytic activation molecule
NCBI Official Synonym Full Names	signaling lymphocytic activation molecule family member 1
NCBI Official Symbol	SLAMF1
NCBI Official Synonym Symbols	SLAM; CD150; CDw150
NCBI Protein Information	signaling lymphocytic activation molecule; IPO-3
UniProt Protein Name	Signaling lymphocytic activation molecule
UniProt Gene Name	SLAMF1
UniProt Synonym Gene Names	SLAM
UniProt Entry Name	SLAF1_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://www.aaabiotech.com/polyclonal/slam-cd150-slamf1-antibody-flow-cytometry-immunohistochemistry-elisa/126347>