

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

Recombinant Anti-SLAM/CD150 Antibody, Rabbit Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255215	Rabbit	Human	Immunohistochemistry, ELISA

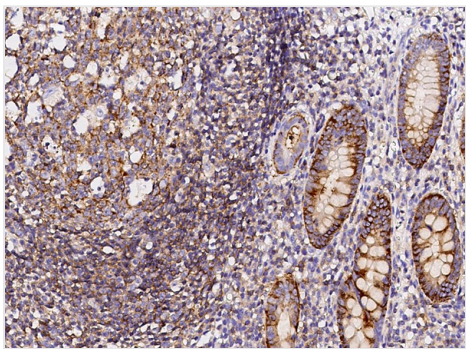
PRODUCT SYNONYMS

SLAM/CD150; Monoclonal Antibody; Recombinant Anti-SLAM/CD150 Antibody; Rabbit Monoclonal; CD150/SLAM/SLAMF1 Antibody; Rabbit MAb; signaling lymphocytic activation molecule family member 1; Anti-CD150 Antibody; Anti-CDw150 Antibody; Anti-SLAM Antibody; anti-SLAMF1 antibody

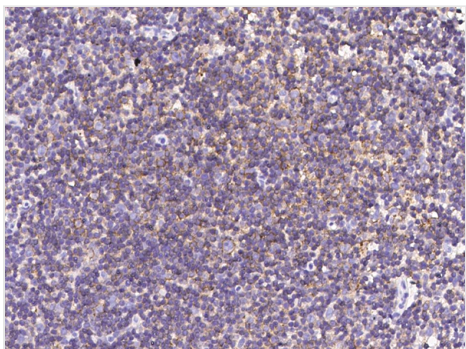
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	8
Specificity	Human SLAMF1/CD150/SLAM. No cross-reactivity in ELISA with Human CD48/BCM1/BLAST1, Human CD84/SLAMF5, Human 2B4/NKR2B4/CD244
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-SLAMF1 antibody	IHC (Immunohistochemistry), ELISA
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human CD150 protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human SLAMF1/CD150 (rh SLAMF1).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

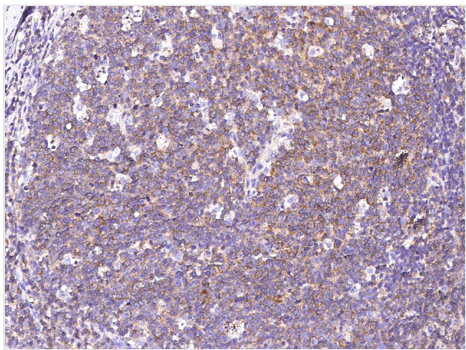
IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of human SLAMF1 in human appendix with rabbit monoclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human SLAMF1 in human lymph node with rabbit monoclonal antibody (1:2000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human SLAMF1 in human tonsil with rabbit monoclonal antibody (1:2000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-SLAMF1 antibody	CD150/signaling lymphocytic activation molecule (SLAM) is a cell surface sialylated phosphoglycoprotein and belongs to the CD2 subset of the Ig superfamily of type I transmembrane glycoproteins. The CD150 receptor is expressed on thymocytes, activated and memory T cells, B cells, platelets, natural killer T cells, and mature dendritic cells, and is also detected on tumor cells of Hodgkin's lymphoma (HL) and diffuse large B-cell lymphoma with an activated B cell phenotype. Additionally, it is the immune cell receptor for measles virus (MV). As a self-ligand, CD150 performs diverse immunologic functions including T/B-cell costimulation, induction of interferon gamma (IFN-gamma) in Th1 T-cell clones, redirection of Th2 clones to a Th1 or Th0 phenotype, and inhibition of apoptosis in B cells. Furthermore, CD150 was shown to be the second receptor for measles virus in addition to CD46, and the distribution of SLAM on various cell lines is consistent with their susceptibility to clinical isolates of measles virus.
Product Categories/Family for anti-SLAMF1 antibody	ITIM/ITAM Immunoreceptors and Related Molecules
References	Tatsuo H, et al. (2002) The morbillivirus receptor SLAM (CD150). Microbiol Immunol. 46(3): 135-42.Sidorenko SP, et al. (2003)The dual-function CD150 receptor subfamily: the viral attraction. Nat Immunol. 4(1): 19-24.Yurchenko MY, et al. (2010) CD150 regulates JNK1/2 activation in normal and Hodgkin's lymphoma B cells. Immunol Cell Biol. 88(5): 565-74.Leonard VH, et al. (2010) Measles virus selectively blind to signaling lymphocytic activation molecule (SLAM; CD150) is attenuated and induces strong adaptive immune responses in rhesus monkeys. J Virol. 84(7): 3413-20.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506969
NCBI GeneID	6504
NCBI Accession #	NP_003028.1

NCBI GenBank Nucleotide #	NM_003037.3
UniProt Accession #	Q13291; Q5W172; Q9HBE8
Molecular Weight	33,839 Da
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://stage.aaabiotech.com/monoclonal/slam-cd150-antibody-clone-8-immunohistochemistry-elisa/255215>