

ARG54668 anti-CD150 / SLAM antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CD150 / SLAM
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, ICC/IF, IHC-P, WB
Specificity	Two isoforms of SLAMF1 are known to exist; this antibody will recognize both isoforms. SLAMF1 antibody is predicted to not cross-react with other SLAM protein family members.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CD150 / SLAM
Immunogen	Synthetic peptide (15 aa) within aa. 30-80 of Human SLAMF1.
Conjugation	Un-conjugated
Alternate Names	Signaling lymphocytic activation molecule; IPO-3; CD150; SLAM; CDw150; CD antigen CD150

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-Dependent
	ICC/IF	20 µg/mL
	IHC-P	Assay-Dependent
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat Colon Lysate	

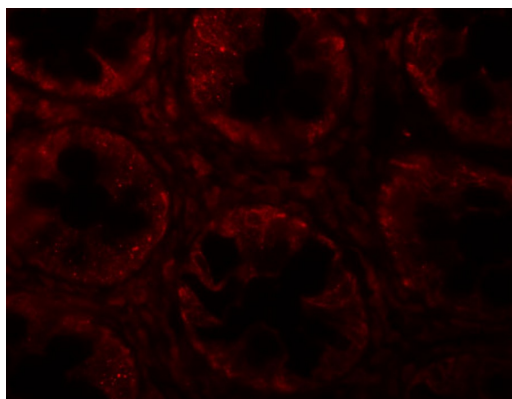
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

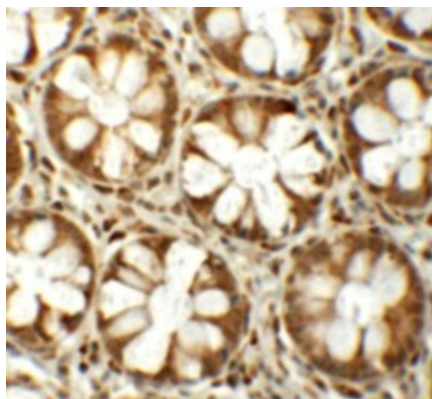
Database links	GeneID: 27218 Mouse GeneID: 6504 Human Swiss-port # Q13291 Human Swiss-port # Q9QUM4 Mouse
Gene Symbol	SLAMF1
Gene Full Name	signaling lymphocytic activation molecule family member 1
Background	SLAMF1 Antibody: The signaling lymphocyte-activation molecule family member 1 (SLAMF1) is a 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).
Research Area	Developmental Biology antibody; Immune System antibody; Microbiology and Infectious Disease antibody
Calculated Mw	37 kDa
PTM	Phosphorylated on tyrosine residues by FYN.

Images



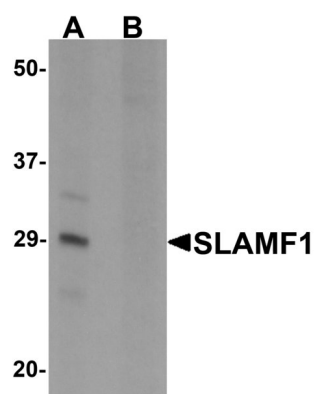
ARG54668 anti-CD150 / SLAM antibody ICC/IF image

Immunofluorescence: Human colon tissue stained with ARG54668 anti-CD150 / SLAM antibody at 20 µg/ml.



ARG54668 anti-CD150 / SLAM antibody IHC image

Immunohistochemistry: Human colon tissue stained with ARG54668 anti-CD150 / SLAM antibody at 5 µg/ml.



ARG54668 anti-CD150 / SLAM antibody WB image

Western blot: Rat colon tissue lysate stained with ARG54668 anti-CD150 / SLAM antibody at 1 $\mu\text{g}/\text{ml}$ in (A) the absence and (B) the presence of blocking peptide.