SLAMF3 Antibody

Catalog No: #25286

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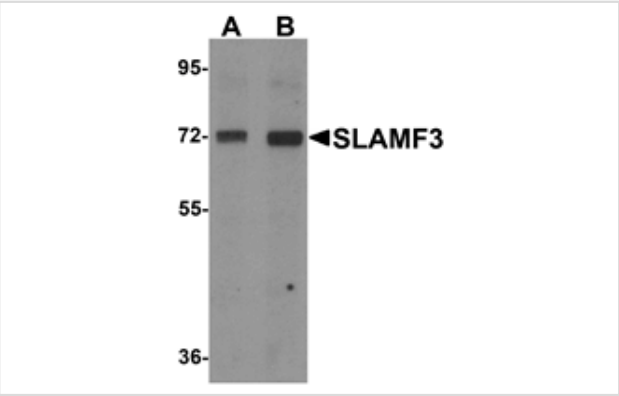
Description

Product Name	SLAMF3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB
Species Reactivity	Hu Ms Rt
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.
Immunogen Type	Peptide
Immunogen Description	Raised against an 18 amino acid peptide near the carboxy terminus of human SLAMF3.
Target Name	SLAMF3
Other Names	Signaling lymphocytic activation molecule family member 3, lymphocyte antigen 9, LY9, hly9, CD229
Accession No.	Swiss-Prot:Q9HBG7Gene ID:4063
Uniprot	Q9HBG7
GeneID	4063;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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



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

Background

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.

Note: This product is for in vitro research use only