

Rabbit SLAMF4 Polyclonal Antibody | anti-CD244 antibody

SLAMF4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40150	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

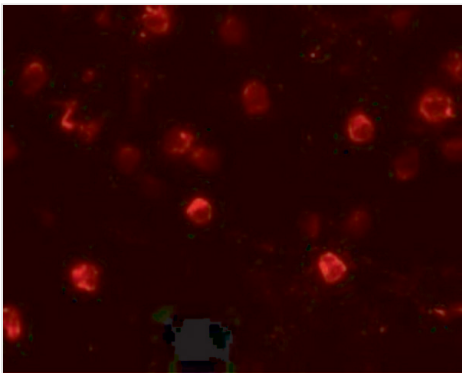
PRODUCT SYNONYMS

SLAMF4; Polyclonal Antibody; SLAMF4 Antibody; 2B4; NAIL; Nmrk; NKR2B4; Natural killer cell receptor 2B4; NK cell activation-inducing ligand; CD244 molecule; natural killer cell receptor 2B4; anti-CD244 antibody

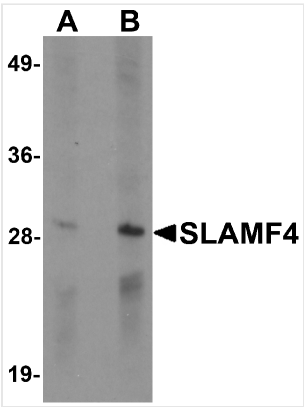
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least three isoforms of SLAMF4 are known to exist. SLAMF4 antibody is predicted to not cross-react with other SLAM protein family members.
Purity/Purification	SLAMF4 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	365
Applicable Applications for anti-CD244 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SLAMF4 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human SLAMF4.
Buffer	SLAMF4 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SLAMF4 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 SLAMF4 in Daudi cells with SLAMF4 antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of SLAMF4 in Daudi cell lysate with SLAMF4 antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-CD244 antibody

SLAMF4 Antibody: The signaling lymphocyte-activation molecule family member 4 (SLAMF4), also known as 2B4, is an important regulator of Natural Killer (NK) cell activation. It is expressed on NK cells as well as on subsets of T cells and interacts with SLAMF2, causing the activation of both SLAMF4- and SLAMF2-expressing cells. Patients with systemic lupus erythmatosus have lower than normal levels of SLAMF4 expressed on their NK cells and monocytes, suggesting that SLAMF4 may play a role in this autoimmune disease.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7706529
NCBI GeneID	51744
NCBI Accession #	NP_1160135
NCBI GenBank Nucleotide #	NM_016382.3
UniProt Accession #	Q9BZW8; Q5VYI2; Q5VYI6; Q5VYI7; Q96T47; Q9NQD2; Q9NQD3; Q9Y288
Molecular Weight	30,784 Da
NCBI Official Full Name	natural killer cell receptor 2B4 isoform 1
NCBI Official Synonym Full Names	CD244 molecule, natural killer cell receptor 2B4
NCBI Official Symbol	CD244
NCBI Official Synonym Symbols	2B4; NAIL; Nmrk; NKR2B4; SLAMF4
NCBI Protein Information	natural killer cell receptor 2B4; h2B4; SLAM family member 4; NK cell activation-inducing ligand; NK cell type I receptor protein 2B4; NK cell activation inducing ligand NAIL; signaling lymphocytic activation molecule 4
UniProt Protein Name	Natural killer cell receptor 2B4
UniProt Gene Name	CD244
UniProt Synonym Gene Names	2B4; NAIL; NKR2B4; h2B4; SLAMF4
UniProt Entry Name	CD244_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.