

Datasheet for ABIN6991513
anti-2B4 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	2B4 (CD244)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This 2B4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	SLAMF4 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human SLAMF4. The immunogen is located within the last 50 amino acids of SLAMF4.
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.
Purification:	SLAMF4 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	2B4 (CD244)
Alternative Name:	SLAMF4 (CD244 Products)

Target Details

Background:	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.
Gene ID:	51744
NCBI Accession:	NP_1160135
UniProt:	Q9BZW8

Application Details

Application Notes:	SLAMF4 antibody can be used for detection of SLAMF4 by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunofluorescence starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	SLAMF4 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C
Storage Comment:	SLAMF4 antibody can be stored at 4°C for three months and -20°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.