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Datasheet for ABIN7169783

**anti-SLAMF6 antibody (AA 248-331) (Biotin)**

## Overview

Quantity:	100 µg
Target:	SLAMF6
Binding Specificity:	AA 248-331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLAMF6 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human SLAM family member 6 protein (248-331AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	SLAMF6
Alternative Name:	SLAMF6 ( <a href="#">SLAMF6 Products</a> )
Background:	Background: Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM) family. SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating

## Target Details

the activation and differentiation of a wide variety of immune cells and thus are involved in the regulation and interconnection of both innate and adaptive immune response. Activities are controlled by presence or absence of small cytoplasmic adapter proteins, SH2D1A/SAP and/or SH2D1B/EAT-2. Triggers cytolytic activity only in natural killer cells (NK) expressing high surface densities of natural cytotoxicity receptors (PubMed:11489943, PubMed:16920955). Positive signaling in NK cells implicates phosphorylation of VAV1. NK cell activation seems to depend on SH2D1B and not on SH2D1A (PubMed:16920955). In conjunction with SLAMF1 controls the transition between positive selection and the subsequent expansion and differentiation of the thymocytic natural killer T (NKT) cell lineage (By similarity). Promotes T-cell differentiation into a helper T-cell Th17 phenotype leading to increased IL-17 secretion, the costimulatory activity requires SH2D1A (PubMed:22184727, PubMed:16920955). Promotes recruitment of RORC to the IL-17 promoter (PubMed:22989874). In conjunction with SLAMF1 and CD84/SLAMF5 may be a negative regulator of the humoral immune response. In the absence of SH2D1A/SAP can transmit negative signals to CD4(+) T-cells and NKT cells. Negatively regulates germinal center formation by inhibiting T-cell:B-cell adhesion, the function probably implicates increased association with PTPN6/SHP-1 via ITSMs in absence of SH2D1A/SAP. However, reported to be involved in maintaining B-cell tolerance in germinal centers and in preventing autoimmunity (By similarity).

Aliases: Activating NK receptor antibody, CD352 antibody, KALI antibody, KALIB antibody, LY108 antibody, MGC104953 antibody, Natural killer T and B cell antigen antibody, NK T B antigen antibody, NK-, T-, and B-cell antigen antibody, NK-T-B-antigen antibody, NTB A antibody, NTB-A antibody, NTBA antibody, NTBA receptor antibody, SF2000 antibody, SLAF6\_HUMAN antibody, SLAM family member 6 antibody, SLAM family member 6 precursor antibody, SLAM Family Receptor antibody, Slamf6 antibody

UniProt: [Q96DU3](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

## Handling

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Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.