

Datasheet for ABIN915407

anti-SLAMF7 antibody (AA 51-160) (Alexa Fluor 647)[Go to Product page](#)**1** Publication

Overview

Quantity:	100 µL
Target:	SLAMF7
Binding Specificity:	AA 51-160
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLAMF7 antibody is conjugated to Alexa Fluor 647
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLAMF7
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow
Purification:	Purified by Protein A.

Target Details

Target:	SLAMF7
Alternative Name:	Slamf7/Cd319/Cs1 (SLAMF7 Products)
Background:	Synonyms: 19A, 19A24 protein, CD 319, CD2 like receptor activating cytotoxic cells, CD2 subset

Target Details

1, CD319, CD319 antigen, CRACC, CS1, Membrane protein FOAP 12, Novel Ly9, Novel LY9 lymphocyte antigen 9 like protein, Protein 19A, SLAM family member 7, SLAMF 7.

Background: SLAMF7 contains one Ig-like C2-type (immunoglobulin-like) domain. Isoform 1 mediates NK cell activation through a SAP-independent extracellular signal-regulated ERK-mediated pathway. It may play a role in lymphocyte adhesion. Isoform 3 does not mediate any activation. SAP can bind the cytoplasmic tail of isoform 1 when phosphorylated in the presence of Fyn (in vitro). SLAMF7 is expressed in spleen, lymph node, peripheral blood leukocytes, bone marrow, small intestine, stomach, appendix, lung and trachea. Expression was detected in NK cells, activated B-cells, NK-cell line but not in promyelocytic, B-, or T-cell lines. The isoform 3 is expressed at much lower level than isoform 1. There are three named isoforms.

UniProt: [Q9NQ25](#)

Application Details

Application Notes: FCM 1:20-100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months

Publications

Product cited in: Maekawa, Osawa, Izumi, Nagao, Takano, Okada, Tachi, Teramoto, Kawamura, Horiuchi, Saga, Kato, Yamamura, Watanabe, Kobayashi, Kobayashi, Sato, Hashimoto, Suzu, Kimura: "

Myeloproliferative leukemia protein activation directly induces fibrocyte differentiation to cause myelofibrosis." in: **Leukemia**, (2017) ([PubMed](#)).