

Datasheet for ABIN5611285
anti-SLAMF7 antibody (AA 23-226)

6 Images

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Overview

Quantity:	0.1 mg
Target:	SLAMF7
Binding Specificity:	AA 23-226
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human CD319 (AA: extra 23-226) expressed in E. coli.
Clone:	5G5A4
Isotype:	IgG1
Purification:	purified

Target Details

Target:	SLAMF7
Alternative Name:	CD319 (SLAMF7 Products)
Background:	Description: "Self-ligand receptor of the signaling lymphocytic activation molecule (SLAM) family. SLAM receptors triggered by homo- or heterotypic cell-cell interactions are modulating the activation and differentiation of a wide variety of immune cells and thus are involved in the

Target Details

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. Isoform 1 mediates NK cell activation through a SH2D1A-independent extracellular signal-regulated ERK-mediated pathway (PubMed:11698418). Positively regulates NK cell functions by a mechanism dependent on phosphorylated SH2D1B. Downstream signaling implicates PLCG1, PLCG2 and PI3K (PubMed:16339536). In addition to heterotypic NK cells-target cells interactions also homotypic interactions between NK cells may contribute to activation. However, in the absence of SH2D1B, inhibits NK cell function. Acts also inhibitory in T-cells (By similarity). May play a role in lymphocyte adhesion (PubMed:11802771). In LPS-activated monocytes negatively regulates production of proinflammatory cytokines (PubMed:23695528). Isoform 3 does not mediate any NK cell activation."

Aliases: SLAMF7, 19A, CS1, CRACC

Molecular Weight:	37.4 kDa
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Gene ID:	57823
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HGNC:	57823
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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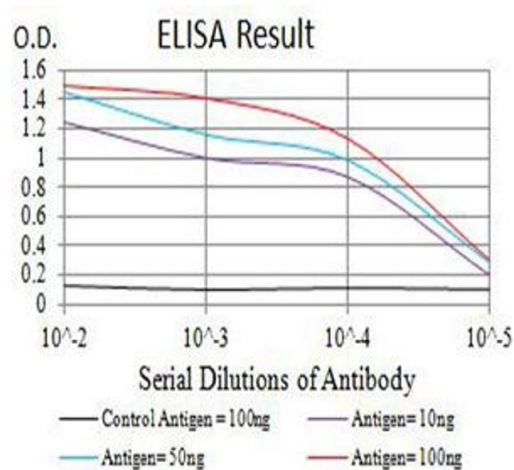
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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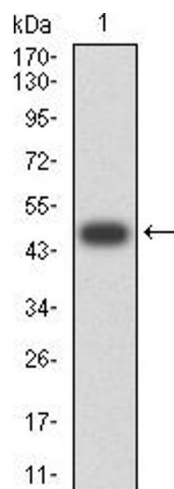
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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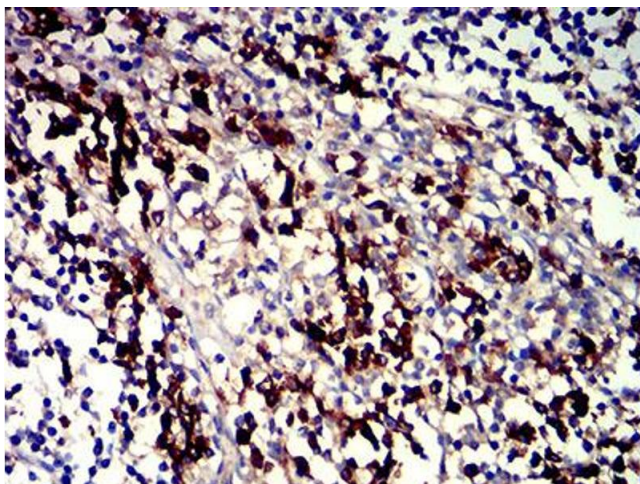
ELISA

Image 1. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using CD319 mAb against human CD319 (AA: extra 23-226) recombinant protein. (Expected MW is 48.3 kDa)



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded tonsil tissues using CD319 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN5611285.