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Datasheet for ABIN7321112 SLAMF1 Protein (His tag)

Image



## Overview

Quantity:	100 µg
Target:	SLAMF1
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLAMF1 protein is labelled with His tag.

## Product Details

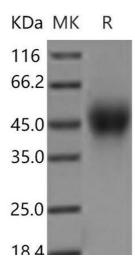
Purpose:	Recombinant Rat CD150/SLAM Protein (His Tag)
Sequence:	Met1-Leu242
Characteristics:	A DNA sequence encoding the rat SLAMF1 (D3ZAD7) (Met1-Leu242) was expressed with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per $\mu$ g of the protein as determined by the LAL method

## Target Details

Target:	SLAMF1
Alternative Name:	CD150/SLAM (SLAMF1 Products)
Background:	Background: CD150/signaling lymphocytic activation molecule (SLAM) is a cell surface sialylated phosphoglycoprotein and belongs to the CD2 subset of the Ig superfamily of type I
	transmembrane glycoproteins. The CD150 receptor is expressed on thymocytes, activated and

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	memory T cells, B cells, platelets, natural killer T cells, and mature dendritic cells, and is also detected on tumor cells of Hodgkin's lymphoma (HL) and diffuse large B-cell lymphoma with an activated B cell phenotype. Additionally, it is the immune cell receptor for measles virus (MV). As a self-ligand, CD150 performs diverse immunologic functions including T/B-cell costimulation, induction of IFN-γ in Th1 T-cell clones, redirection of Th2 clones to a Th1 or Th0 phenotype, and inhibition of apoptosis in B cells. Furthermore, CD150 was shown to be the second receptor for measles virus in addition to CD46, and the distribution of SLAM on various cell lines is consistent with their susceptibility to clinical isolates of measles virus. Synonym: SLAMF1
Molecular Weight:	26 kDa
UniProt:	D3ZAD7
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.

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