

Datasheet for ABIN7321148  
**CD48 Protein (CD48) (Fc Tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	CD48
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD48 protein is labelled with Fc Tag.

## Product Details

Purpose:	Recombinant Rat CD48 Protein (Fc Tag)
Sequence:	Met1-Arg216
Characteristics:	A DNA sequence encoding the rat CD48 (P10252) (Met1-Arg216) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method

## Target Details

Target:	CD48
Alternative Name:	CD48 ( <a href="#">CD48 Products</a> )
Background:	Background: Cluster of Differentiation 48 (CD48), also known as SLAMF2, BCM-1 and BLAST-1, is a GPI-linked protein belonging to the CD2 subfamily of immunoglobulin superfamily molecules. CD2 and 2B4 (CD244) are known ligands for CD48. CD48 protein is expressed on

## Target Details

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most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors. CD48 protein performs biological functions in a variety of processes including adhesion, pathogen recognition, cellular activation, and cytokine regulation, and emerges as a critical effector molecule in immune responses. Immune Checkpoint  
Immune Checkpoint Detection: Antibodies Immune Checkpoint Detection: ELISA Antibodies Immune Checkpoint Detection: IHC Antibodies Immune Checkpoint Detection: ICC Antibodies Immune Checkpoint Detection: IP Antibodies Immune Checkpoint Detection: FCM Antibodies Immune Checkpoint Detection: WB Antibodies  
Immune Checkpoint Proteins  
Immune Checkpoint Targets Co-inhibitory Immune Checkpoint Targets Immunotherapy Cancer Immunotherapy Targeted Therapy  
Synonym: CD48;Bcm-1

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Molecular Weight: 49.5 kDa

UniProt: [P10252](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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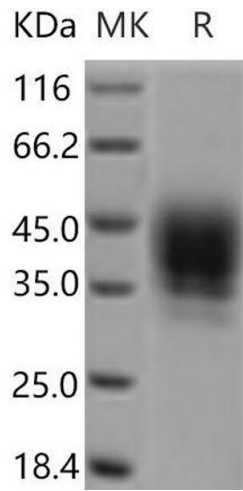
Format: Lyophilized

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.**