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## CD48 Protein (CD48) (His tag)



**Image** 



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Background:

Quantity:	50 μg	
Target:	CD48	
Origin:	Mouse	
Source:	Human Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This CD48 protein is labelled with His tag.	
Product Details		
Purpose:	Recombinant Mouse CD48 Protein (His Tag)	
Sequence:	Phe23-Arg216	
Characteristics:	Recombinant Mouse SLAM Family Member 2 is produced by our Mammalian expression system and the target gene encoding Phe23-Arg216 is expressed with a 6His tag at the Cterminus.	
Purity:	> 95 % as determined by SDS-PAGE	
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.	
Target Details		
Target:	CD48	
Alternative Name:	CD48 (CD48 Products)	

Background: CD48 is a GPI-linked protein in the CD2 family of immunoglobulin superfamily

proteins. CD48 is expressed on most lineage-committed hematopoietic cells but not on

#### **Target Details**

hematopoietic stem cells or multipotent hematopoietic progenitors. Among dendritic cells (DC), CD48 is selectively expressed on circulating myeloid DC and resident bone marrow and thymus DC. CD2, 2B4, and heparan sulfate function as CD48 ligands. CD48 is competent to transduce signals and can also trigger signaling through CD2 or 2B4. CD48 expressed on NK cells is coactivating, whereas CD48 expressed on other cell types inhibits NK cell activation. Synonym: CD48, BLAST1, BCM1, SLAMF2, SLAM Family Member 2, Al449234, AW610730, Bcm-1, BLAST-1, MEM-102, Sgp-60

Molecular Weight:

23.1 kDa

NCBI Accession:

NP\_031675

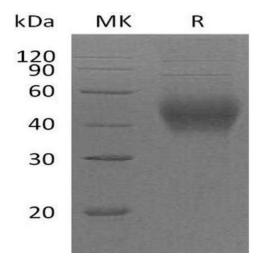
#### **Application Details**

Restrictions:

For Research Use only

#### Handling

Format:	Lyophilized	
Reconstitution:	Please refer to the printed manual for detailed information.	
Buffer:	Lyophilized from a 0.2 µm filtered solution of 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.