Datasheet for ABIN7319457

CD48 Protein (CD48) (mFc Tag)

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Overview

Quantity:	50 µg
Target:	CD48
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD48 protein is labelled with mFc Tag.

Product Details

Purpose:	Recombinant Human CD48 Protein (mFc Tag)
Sequence:	Gln27-Ser220
Characteristics:	Recombinant Human SLAM Family Member 2 is produced by our Mammalian expression system and the target gene encoding Gln27-Ser220 is expressed with a mFc tag at the C-terminus.
Purity:	> 95 % as determined by reducing 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:	Background: CD48 antigen, also known as B-lymphocyte activation marker BLAST-1, BCM1 surface antigen, Leukocyte antigen MEM-102, TCT.1, CD48, BCM1,and BLAST1, CD48 contains

Target Details

	one Ig-like C2-type domain and one Ig-like V-type domain, but does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. CD48 may facilitate interaction between activated lymphocytes and be involved in regulating T-cell activation. CD48 plays a vital role as an environmental sensor for regulating progenitor cell numbers and inhibiting tumor development. It is suggested that the anti-CD48 mAb has the potential to become an effective therapeutic mAb against multiple myeloma. Synonym: CD48 antigen, B-lymphocyte activation marker BLAST-1, BCM1 surface antigen, Leukocyte antigen MEM-102, TCT.1, CD48, BCM1,BLAST1,hCD48,mCD48,SLAMF2
Molecular Weight:	48.9 kDa
UniProt:	P09326

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 20 mM Tris,150 mM NaCl, pH 8.0.
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.