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Datasheet for ABIN7320249 CD99L2 Protein (Fc Tag)

Image



Overview

Quantity:	100 µg
Target:	CD99L2
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD99L2 protein is labelled with Fc Tag.

Product Details

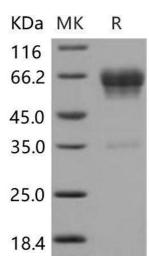
Purpose:	Recombinant Mouse CD99L2 Protein (Fc Tag)
Sequence:	Met 1-Ala 164
Characteristics:	A DNA sequence encoding the mouse CD99L2 (NP_612182.1) extracellular domain (Met 1-Ala 164) was fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 94 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per μ g of the protein as determined by the LAL method.

Target Details

Target:	CD99L2
Alternative Name:	CD99L2 (CD99L2 Products)
Background:	Background: CD99 antigen-like protein 2, also known as MIC2-like protein 1, CD99L2 and MIC2L1, is a single-pass type I membrane protein which belongs to the CD99 family. CD99L2 is
	expressed in brain, heart, lung, liver, spleen, kidney, stomach, small intestine, skeletal muscle,

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	ovary, thymus, testis and uterus. Lower expression of CD99L2 is seen in thymus. It is also
	expressed in E18 uterus and placenta. CD99 and CD99L2 were required for leukocyte
	extravasation in the cremaster after stimulation with tumor necrosis factor-alpha, where the
	need for PECAM-1 is known to be bypassed. CD99 and CD99L2 act independently of PECAM-1
	in leukocyte extravasation and cooperate in an independent way to help neutrophils overcome
	the endothelial basement membrane. CD99L2 may function as a homophilic adhesion
	molecule. It functions in leukocyte-endothelial cell interactions during leukocyte extravasation,
	and in particular, at the diapedesis step. CD99L2 does not seem to be involved in docking of
	leukocytes to the vessel wall or in lymphocyte diapedesis.
	Synonym: AW548191;Mic2l1;Xap89
Molecular Weight:	42 kDa
NCBI Accession:	NP_612182
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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