



## Datasheet for ABIN7320803 CD301b/MGL2 Protein (His tag)



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### 1 Image

#### Overview

Quantity:	50 µg
Target:	CD301b/MGL2 (MGL2)
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD301b/MGL2 protein is labelled with His tag.

#### Product Details

Purpose:	Recombinant Mouse MGL2/CD301b Protein (His Tag)
Sequence:	Ser72-Pro232
Characteristics:	Recombinant Mouse MGL2 is produced by our Mammalian expression system and the target gene encoding Ser72-Pro232 is expressed with a 6His tag at the N-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:	CD301b/MGL2 (MGL2)
Alternative Name:	MGL2/CD301b ( <a href="#">MGL2 Products</a> )
Background:	Background: Macrophage galactose N-acetyl-galactosamine-specific lectin 2(Mgl2), also known as CD301b, is a 38 kDa member that belongs to the C-type lectin family. Two MGL proteins are encoded by separate genes in the mouse, but share 91 % amino acid (aa) identity in the

## Target Details

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extracellular domain (ECD). Only one MGL occurs in human and rat and this MGL is structurally more similar to mouse MGL1 than MGL2. However, human MGL and mouse MGL2 both bind specifically to terminal GalNAc residues, in contrast with mouse MGL1 which binds Lewis X. GalNAc recognition is likely to be important in dendritic cell-mediated tolerance to self-gangliosides as well as recognition of tumor antigens and parasite glycoproteins.

Synonym: Mgl2,CD301b,Macrophage galactose N-acetyl-galactosamine-specific lectin 2,Macrophage Galactose-type C-lectin 2

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Molecular Weight: 30.9 kDa

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UniProt: [Q8JZN1](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Reconstitution: Please refer to the printed manual for detailed information.

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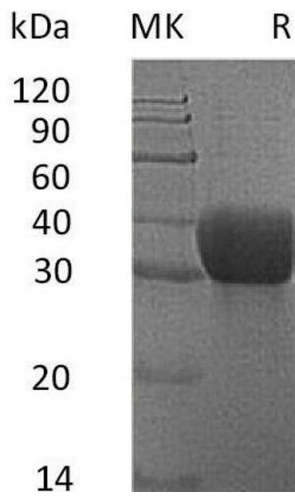
Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

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Storage: 4 °C,-20 °C,-80 °C

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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.**