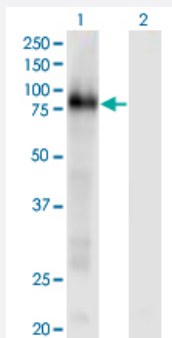


# CD93 monoclonal antibody (M02), clone 3D12

Catalog # H00022918-M02

Size 100 ug

## Applications

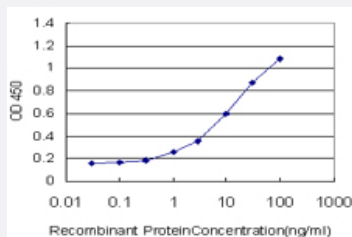


### Western Blot (Transfected lysate)

Western Blot analysis of CD93 expression in transfected 293T cell line by CD93 monoclonal antibody (M02), clone 3D12.

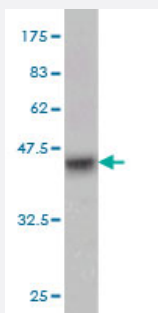
Lane 1: CD93 transfected lysate (Predicted MW: 71.72 KDa).

Lane 2: Non-transfected lysate.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD93 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.62 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant CD93.

<b>Immunogen</b>	CD93 (NP_036204, 33 a.a. ~ 140 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	GTACYTAHSGKLSAAEAQNHCNQNGGNLATVKSKEEAQHVQRVLAQLLRREAALTARMSKFWIG LQREKGKCLDPSLPLKGFSWVGGGEDTPYSNWHKELRNSCISKR
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (68); Rat (88)
<b>Isotype</b>	IgG3 Lambda
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.62 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of CD93 expression in transfected 293T cell line by CD93 monoclonal antibody (M02), clone 3D12.

Lane 1: CD93 transfected lysate (Predicted MW: 71.72 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD93 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — CD93

Entrez GeneID	<a href="#">22918</a>
GeneBank Accession#	<a href="#">NM_012072</a>
Protein Accession#	<a href="#">NP_036204</a>
Gene Name	CD93
Gene Alias	C1QR1, C1qR(P), C1qRP, CDw93, MXRA4, dJ737E23.1
Gene Description	CD93 molecule
Omim ID	<a href="#">120577</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a cell-surface glycoprotein and type I membrane protein that was originally identified as a myeloid cell-specific marker. The encoded protein was once thought to be a receptor for C1q, but now is thought to instead be involved in intercellular adhesion and in the clearance of apoptotic cells. The intracellular cytoplasmic tail of this protein has been found to interact with moesin, a protein known to play a role in linking transmembrane proteins to the cytoskeleton and in the remodelling of the cytoskeleton. [provided by RefSeq]
Other Designations	C1q receptor 1 CD93 antigen OTTHUMP00000030419 complement component 1, q subcomponent, receptor 1 matrix-remodelling associated 4

## Disease

- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hyperlipoproteinemia Type II](#)
- [Leukemia](#)

- [Lymphoma](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)