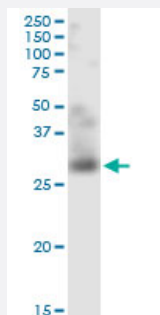


TNFSF12 monoclonal antibody (M01), clone 4H3

Catalog # H00008742-M01

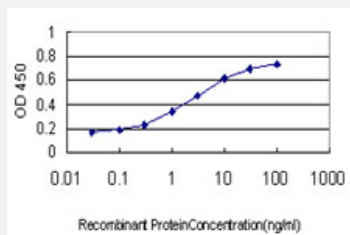
Size 100 ug

Applications



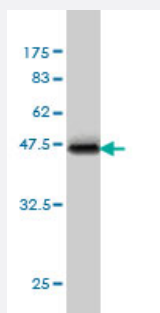
Western Blot (Cell lysate)

TNFSF12 monoclonal antibody (M01), clone 4H3. Western Blot analysis of TNFSF12 expression in Raw 264.7.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TNFSF12 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.2 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant TNFSF12.

Immunogen	TNFSF12 (AAH19047, 49 a.a. ~ 134 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SLSAQEPAAQEELVAEEDQDPSELNPQTEESQDPAPFLNRLVRPRRSAPKGRKTRARRAIAAHYE VHPRPGQDGAQADGGYTTCLRP
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (84); Rat (81)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.2 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

TNFSF12 monoclonal antibody (M01), clone 4H3. Western Blot analysis of TNFSF12 expression in Raw 264.7.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged TNFSF12 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — TNFSF12

Entrez GeneID [8742](#)

GeneBank Accession#	BC019047
Protein Accession#	AAH19047
Gene Name	TNFSF12
Gene Alias	APO3L, DR3LG, MGC129581, MGC20669, TWEAK
Gene Description	tumor necrosis factor (ligand) superfamily, member 12
Omim ID	602695
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is a ligand for the FN14/TWEAKR receptor. This cytokine has overlapping signaling functions with TNF, but displays a much wider tissue distribution. This cytokine can induce apoptosis via multiple pathways of cell death in a cell type-specific manner. This cytokine is also found to promote proliferation and migration of endothelial cells, and thus acts as a regulator of angiogenesis. Some transcripts that skip the last exon of this gene and continue with the second exon of the neighboring TNFSF13 gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13. [provided by RefSeq]</p>
Other Designations	APO3/DR3 ligand TNF-related WEAK inducer of apoptosis

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Lupus Erythematosus](#)
- [Occupational Diseases](#)