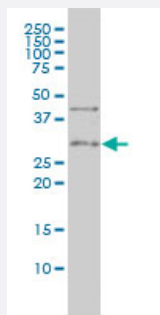


TNFRSF7 monoclonal antibody (M01), clone 1E2-A3

Catalog # H00000939-M01

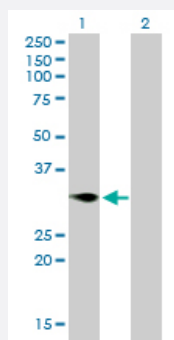
Size 100 ug

Applications



Western Blot (Cell lysate)

TNFRSF7 monoclonal antibody (M01), clone 1E2-A3 Western Blot analysis of TNFRSF7 expression in Jurkat (Cat # L017V1).

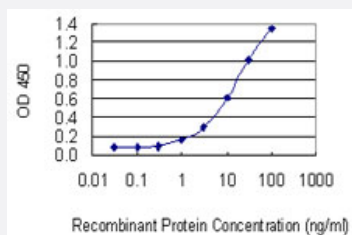


Western Blot (Transfected lysate)

Western Blot analysis of TNFRSF7 expression in transfected 293T cell line by TNFRSF7 monoclonal antibody (M01), clone 1E2-A3.

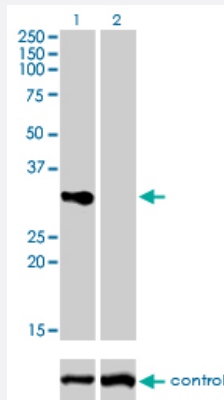
Lane 1: TNFRSF7 transfected lysate(29.2 KDa).

Lane 2: Non-transfected lysate.



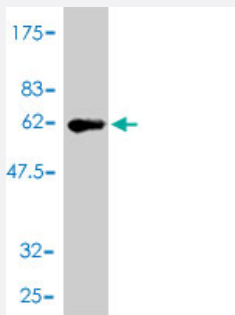
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD27 is 0.3 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of TNFRSF7 over-expressed 293 cell line, cotransfected with TNFRSF7 Validated Chimera RNAi (Cat # H00000939-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TNFRSF7 monoclonal antibody (M01), clone 1E2-A3 (Cat # H00000939-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (54.34 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant TNFRSF7.
Immunogen	TNFRSF7 (AAH12160, 1 a.a. ~ 260 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MARPHPWWLCVLGTLVGLSATPAPKSCPERHYWAQGLCCQMCEPGTFLVKDCDQHRKAAQ CDPCIPGVSFSPDHHTRPHCESCRHCNSGLLVRNCTITANAECACRNGWQCRDKECTECDPLP NPSLTARSSQALSPHPQPTHLPYVSEMLEARTAGHMQLADFRQLPARTLSTHWPPQRSLC SSD FIRLVIFSGMFLVFTLAGALFLHQRRKYRSNKGESPVPAEPCRYSCPREEEGSTIPIQEDYRKPE PACSP
Host	Mouse
Reactivity	Human
Isotype	IgG2b kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (54.34 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)

TNFRSF7 monoclonal antibody (M01), clone 1E2-A3 Western Blot analysis of TNFRSF7 expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TNFRSF7 expression in transfected 293T cell line by TNFRSF7 monoclonal antibody (M01), clone 1E2-A3.

Lane 1: TNFRSF7 transfected lysate(29.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD27 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of TNFRSF7 over-expressed 293 cell line, cotransfected with TNFRSF7 Validated Chimera RNAi (Cat # H00000939-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with TNFRSF7 monoclonal antibody (M01), clone 1E2-A3 (Cat # H00000939-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — CD27

Entrez GeneID	939
GeneBank Accession#	BC012160
Protein Accession#	AAH12160
Gene Name	CD27

Gene Alias	MGC20393, S152, T14, TNFRSF7, Tp55
Gene Description	CD27 molecule
Omim ID	186711
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is required for generation and long-term maintenance of T cell immunity. It binds to ligand CD70, and plays a key role in regulating B-cell activation and immunoglobulin synthesis. This receptor transduces signals that lead to the activation of NF-kappaB and MAPK8/JNK. Adaptor proteins TRAF2 and TRAF5 have been shown to mediate the signaling process of this receptor. CD27-binding protein (SIVA), a proapoptotic protein, can bind to this receptor and is thought to play an important role in the apoptosis induced by this receptor. [provided by RefSeq]
Other Designations	CD27 antigen CD27L receptor T cell activation antigen CD27 T cell activation antigen S152 tumor necrosis factor receptor superfamily, member 7

Pathway

- [Cytokine-cytokine receptor interaction](#)

Disease

- [Asthma](#)
- [Bronchial Hyperreactivity](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Kidney Failure](#)
- [Multiple Myeloma](#)
- [Occupational Diseases](#)