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Produktinformation



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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

Catalog # : H00000939-M01

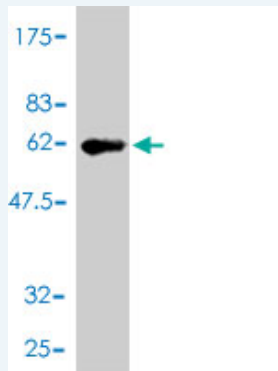
規格 : [100 ug]

[List All](#)

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:	MARPHPWWLCLVGLVGLSATPAPKSCPERHYWAQGLCCQMCEPGT FLVKDCDQHRKAAQCDPCIPGVSPDHHTRPHCESCRHCNSGLLVRN CTITANAECACRNGWQCRDKECTECDLPNPSLTARSSQALSPHPQPT HLPYVSEMLEARTAGHMQTLADFRQLPARTLSTHWPPQRSLCSDDFIRI LVIFSGMFLVFTLAGALFLHQRKYSNKGESVPEAEPCRYSCPREEE GSTIPIQEDYRKPEPACSP
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.

MSDS: [Download](#)

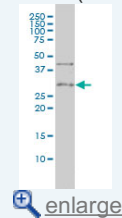
Datasheet: [Download](#)

Applications

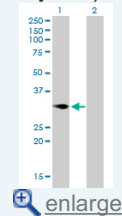
Western Blot (Cell lysate)

Application Image

Western Blot (Cell lysate)

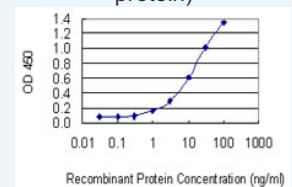


Western Blot (Transfected lysate)



Western Blot (Recombinant protein)

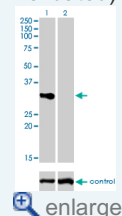
Sandwich ELISA (Recombinant protein)

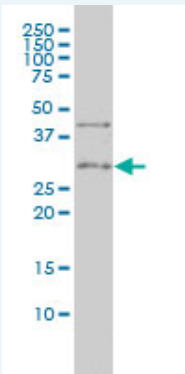


[enlarge](#)

ELISA

RNAi Knockdown (Antibody validated)

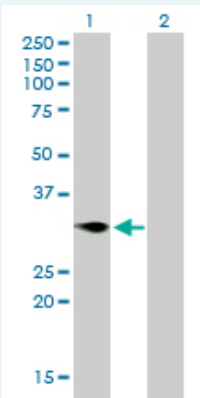




TNFRSF7 monoclonal antibody (M01), clone 1E2-A3 Western Blot analysis of TNFRSF7 expression in Jurkat (Cat # L017V1).

[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).

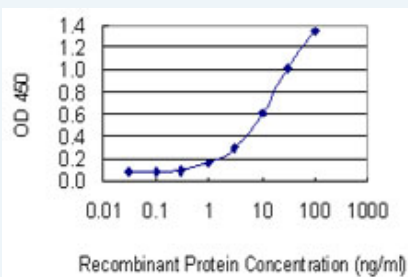
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

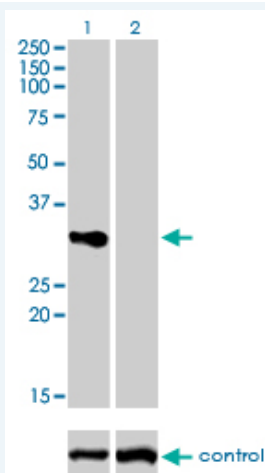


Detection limit for recombinant GST tagged CD27 is 0.3 ng/ml as a capture antibody.

[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.

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Gene Information

Entrez GeneID: [939](#)

GeneBank [BC012160](#)

Accession#:

Protein [AAH12160](#)

Accession#:

Gene Name: CD27

Gene Alias: MGC20393,S152,T14,TNFRSF7,Tp55

Gene CD27 molecule

Description:

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

Gene Pathway

[Cytokine-cytokine receptor interaction](#)

Related Disease

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