

Datasheet for ABIN563089
anti-MAP3K7 antibody (AA 1-579)



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3 Images

Overview

Quantity:	100 µg
Target:	MAP3K7
Binding Specificity:	AA 1-579
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAP3K7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, RNA Interference (RNAi)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant MAP3K7.
Immunogen:	MAP3K7 (AAH17715, 1 a.a. ~ 579 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSTASAASSS SSSSAGEMIE APSQVLNFEE IDYKEIEVEE VVGRGAFGVV CKAKWRAKDV AIKQIESESE RKAFIVELRQ LSRVNHPIV KLYGAQLNPV CLVMEYAEGG SLYNVLHGAE PLPYYTAAHA MSWCLQCSQG VAYLHSMQPK ALIHRDLKPP NLLL VAGGTV LKICDFGTAC DIQTHMTNNK GSAAWMAPEV FECSNYSEKC DVFSWGILW EVITRRKPFD EIGGPAFRIM WAVHNGTRPP LIKNLPKPIE SLMTRCWSKD PSQRPSMEEI VKIMTHLMRY FPGADEPLQY PCQYSDEGQS NSATSTGSFM DIASTNTSNK SDTNMEQVPA TNDTIKRLES KLLKNQAKQQ SESGRLSLGA SRGSSVESLP PTSEGKRMSA DMSEIEARIA ATTGNGQPRR RSIQDLTVTG TEPGQVSSRS SSPSVRMITT SGPTSEKPTR SHPWTPDDST DTNGSDNSIP MAYLTLDHQL QPLAPCPNSK ESMVFEQHC KMAQEYMKVQ TEIALLLQRK QELVAELDQD EKDQQNTSRL

Product Details

VQEHKLLDE NKSLSTYYQQ CKKQLEVIRS QQQKRQGT

Clone: 2E10

Isotype: IgG1

Cross-Reactivity: Human

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: MAP3K7

Alternative Name: MAP3K7 ([MAP3K7 Products](#))

Background: Full Gene Name: mitogen-activated protein kinase kinase kinase 7
Synonyms: TAK1,TGF1a

Gene ID: 6885

Pathways: [NF-kappaB Signaling](#), [TCR Signaling](#), [TLR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [Activation of Innate immune Response](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Tube Formation](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#), [Ubiquitin Proteasome Pathway](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

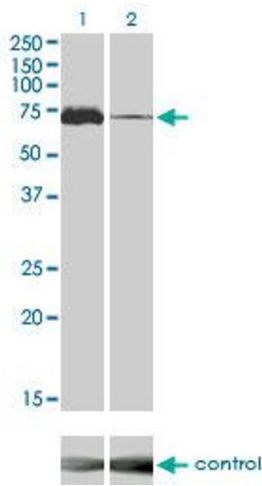
Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

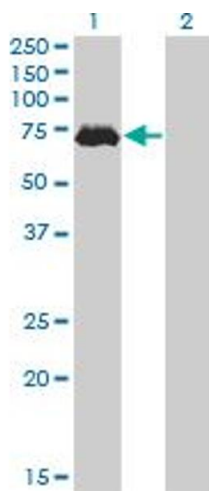
Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



RNA Interference

Image 1. Western blot analysis of MAP3K7 over-expressed 293 cell line, cotransfected with MAP3K7 Validated Chimera RNAi (Cat # H00006885-R02V) (Lane 2) or non-transfected control (Lane 1). Blot probed with MAP3K7 monoclonal antibody (M02) clone 2E10 (Cat # H00006885-M02). GAPDH (36.1 kDa) used as specificity and loading control.

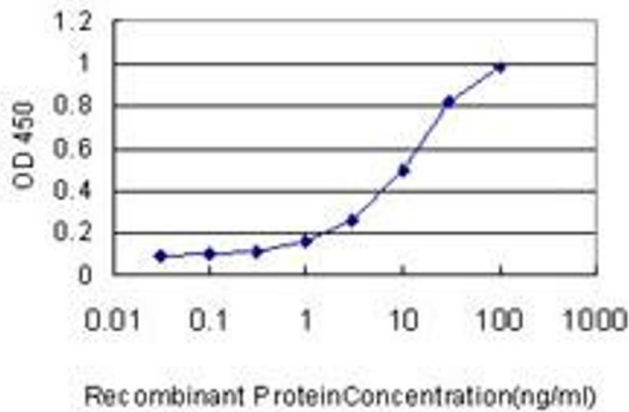


Western Blotting

Image 2. Western Blot analysis of MAP3K7 expression in transfected 293T cell line by MAP3K7 monoclonal antibody (M02), clone 2E10.

Lane 1: MAP3K7 transfected lysate(63.8 KDa).

Lane 2: Non-transfected lysate.



ELISA

Image 3. Detection limit for recombinant GST tagged MAP3K7 is approximately 1ng/ml as a capture antibody.