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Datasheet for ABIN520690  
**anti-MAP3K7 antibody (AA 1-579)**

2 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

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 APSQVLNLEE IDYKEIEVEE VVGRGAFGVV CKAKWRAKDV AIKQIESESE RKAFIVELRQ LSRVNHPIV KLYGACLNPIV CLVMEYAEGG SLYNVLHGAE PLPYTAAHA MSWCLQCSQG VAYLHSMQPK ALIHRDLKPP NLLLVAAGTV LKICDFGTAC DIQTHMTNNK GSAAWMAPEV FECSNYSEKC DVFSWGIILW EVITRRKPFV EIGGPAFRIM WAVHNGTRPP LIKNLPKPIE SLMTRCWSKD PSQRPSMEEI VKIMTHLMRY FPGADEPLQY PCQYSDEGQS NSATSTGSFM DIASNTNSNK SDTNMEQVPA TNDTIKRLES KLLKNQAKQQ SESGRLSLGA SRGSSVESLP PTSEGKRMSA DMSEIARIA ATTGNGQPRR RSIQDLTVTG TEPGQVSSRS SSPSVRMITT SGPTSEKPTR SHPWTPDDST DTNGSDNSIP MAYLTLDHQL QPLAPCPNSK ESMVFEQHC KMAQEYMKVQ TEIALLLQRK QELVAELDQD EKDQQNTSRL

## Product Details

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VQEHKLLDE NKSLSTYYQQ CKKQLEVIRS QQQKRQGT

Clone: 4E1-1A5

Isotype: IgG2a

Cross-Reactivity: Human

Characteristics: Antibody Reactive Against Recombinant Protein.

## Target Details

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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

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

Restrictions: For Research Use only

## Handling

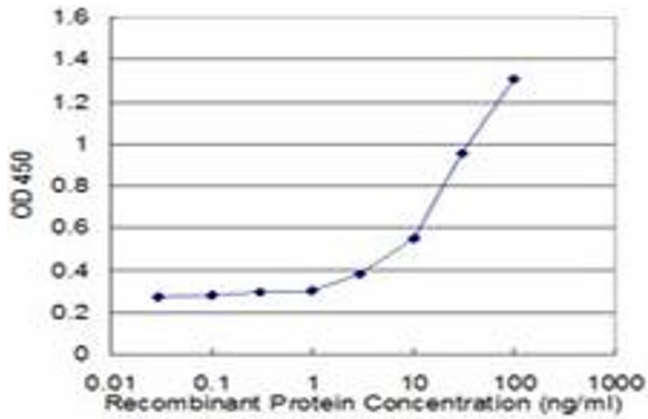
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Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

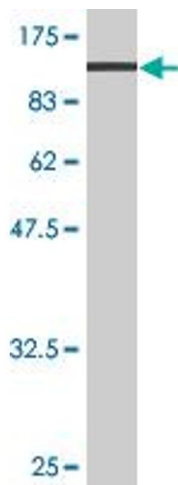
Storage: -20 °C

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



### ELISA

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



### Western Blotting

**Image 2.** Western Blot detection against Immunogen (89.43 KDa) .