

# Product Datasheet

## TAK1 Antibody (2E10) - Azide and BSA Free H00006885-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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### Publications: 1

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**H00006885-M02**

TAK1 Antibody (2E10) - Azide and BSA Free

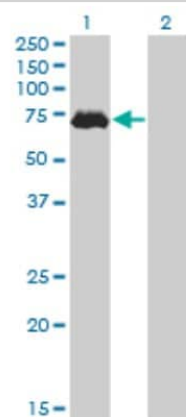
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E10
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6885
Gene Symbol	MAP3K7
Species	Human
Specificity/Sensitivity	MAP3K7 - mitogen-activated protein kinase kinase kinase 7
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. MSTASAASSSSSSSAGEMIEAPSQVLNFEEIDYKEIEVEEVVGRGAFGVVCKAK WRAKDVAIKQIESESERKAFIVELRQLSRVNHNPVIVKLYGACLNVPCLVMEYAE GGSLYNVLHGAEPLPYTAAHAMSACLQCSQGVAYLHSMQPKALIHRLKPP NLLLAVAGGTVLKICDFGTACDIQTHMTNNGSAAWMAPEVFEGSNYSEKCDVF SWGILWEVITRRKPFDEIGGPAFRIMWAVHNGTRPPLIKNLPKPIESLMTRCWS KDPSQRPSMEEIVKIMTHLMRYFPGADEPLQYPCQYSDEGQNSATSTGSFM DIASNTSNKSDTNMEQVPATNDTIKRLESKLLKNQAKQQSESGRLSLGASRG SSVESLPPTSEGKRMSADMSEIEARIAATTGNGQPRRSIQDLTVTGTGTEPGQV SSRSSSPSVRMITTSPTSEKPTRSHPWTPDDSTDTNGSDNSIPMAYLTLDHQ LQPLAPCPNSKESMAVFEQHCMAQEYMKVQTEIALLLQRKQELVAELDQDEK DQQNTSRLVQEHEKLLDENKSLSTYYQQCKKQLEVIRSQQQKRQGTS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

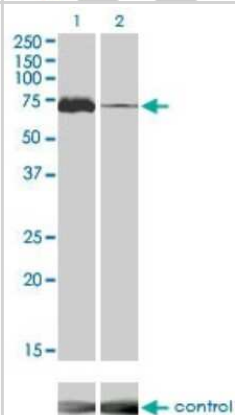
Product Application Details	
Applications	Western Blot, ELISA, Knockdown Validated
Recommended Dilutions	Western Blot, ELISA, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein on ELISA. It has been used for RNAi Validation and WB.

## Images

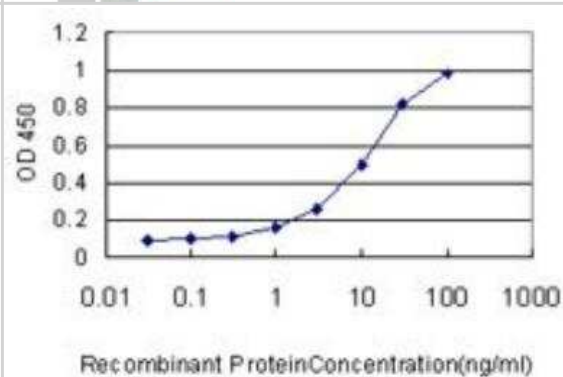
Western Blot: TAK1 Antibody (2E10) [H00006885-M02] - Analysis of MAP3K7 expression in transfected 293T cell line by MAP3K7 monoclonal antibody (M02), clone 2E10. Lane 1: MAP3K7 transfected lysate (63.8 kDa). Lane 2: Non-transfected lysate.



Western Blot: TAK1 Antibody (2E10) [H00006885-M02] - 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.



ELISA: TAK1 Antibody (2E10.) [H00006885-M02] - TAK1 Antibody (2E10) [H00006885-M02] - Detection limit for recombinant GST tagged MAP3K7 is approximately 1ng/ml as a capture antibody.



## Publications

Rui Y, Su J, Wang H et al. Disruption of MDA5 mediated innate immune responses by the 3C proteins of Coxsackievirus A16, Coxsackievirus A6, and Enterovirus D68. J. Virol. 2017-04-19 [PMID: 28424289]



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### **Products Related to H00006885-M02**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00006885-P01-10ug	Recombinant Human TAK1 GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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