

# Product Datasheet

## HGK/MAP4K4 Antibody (4A5) - Azide and BSA Free H00009448-M07

Unit Size: 0.1 mg

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

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**H00009448-M07**

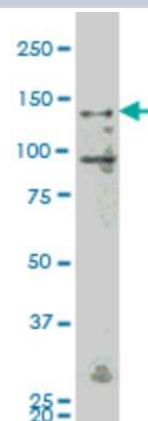
HGK/MAP4K4 Antibody (4A5) - Azide and BSA Free

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	4A5
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	9448
Gene Symbol	MAP4K4
Species	Human, Bovine, Parasite
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	MAP4K4 - mitogen-activated protein kinase kinase kinase kinase 4
Immunogen	MAP4K4 (NP_663719, 611 a.a. ~ 710 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VHPALQRPAEPQVQWSHLASLKNNVSPVSRSHSFSDPSPKFAHHHLRSQDPC PPSRSEVLSQSSDSKSEAPDPTQKAWSRSDSDEVPPRVPVRTTSRSPV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

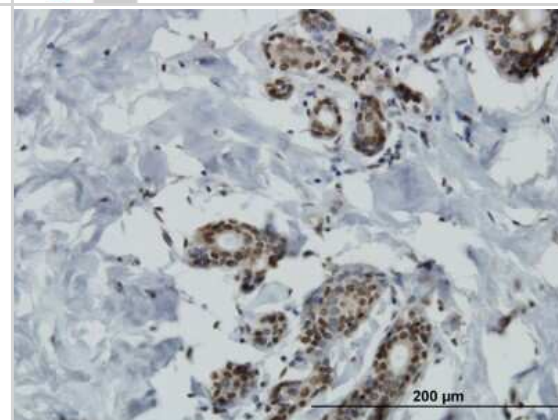


## Images

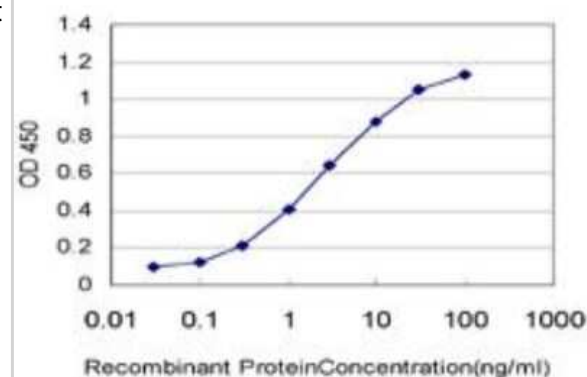
Western Blot: HGK/MAP4K4 Antibody (4A5) [H00009448-M07] - Analysis of MAP4K4 expression in K-562 (Cat # L009V1).



Immunohistochemistry-Paraffin: HGK/MAP4K4 Antibody (4A5) [H00009448-M07] - Analysis of monoclonal antibody to MAP4K4 on formalin-fixed paraffin-embedded human breast cancer. Antibody concentration 3 ug/ml



ELISA: HGK/MAP4K4 Antibody (4A5) [H00009448-M07] - Detection limit for recombinant GST tagged MAP4K4 is approximately 0.03ng/ml as a capture antibody.



## Publications

Ma M, Baumgartner M. Filopodia and Membrane Blebs Drive Efficient Matrix Invasion of Macrophages Transformed by the Intracellular Parasite *Theileria annulata*. PLoS One. 2013-09-24 [PMID: 24086576]

Ma M, Baumgartner M. Intracellular *Theileria annulata* Promote Invasive Cell Motility through Kinase Regulation of the Host Actin Cytoskeleton. PLoS Pathog. 2014-03-13 [PMID: 24626571]



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### **Products Related to H00009448-M07**

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)
NBP1-84663PEP	HGK/MAP4K4 Recombinant Protein Antigen

### **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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