

# Product Datasheet

## MAPKAPK2 Antibody (2B3)

### H00009261-M01

Unit Size: 0.1 mg

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

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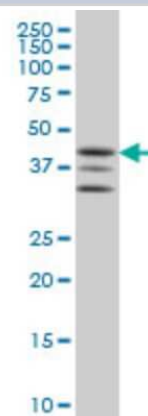


**H00009261-M01****MAPKAPK2 Antibody (2B3)**

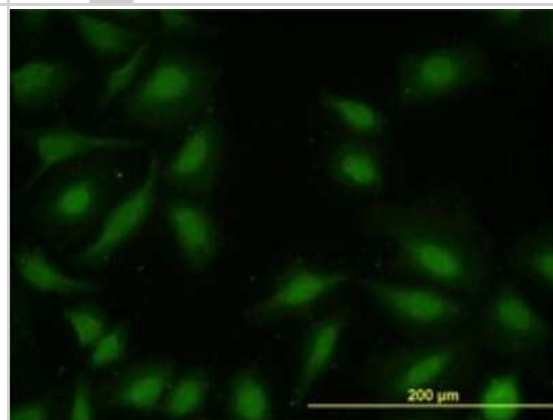
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2B3
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	9261
<b>Gene Symbol</b>	MAPKAPK2
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	MAPKAPK2 - mitogen-activated protein kinase-activated protein kinase 2
<b>Immunogen</b>	MAPKAPK2 (NP_116584, 302 a.a. ~ 400 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. IRNLLKTEPTQRMTITEFMNHPWIMQSTKVPQTPLHTSRVLKEDKERWEDVKE EMTSALATMRVDYEQIKIKKIEDASNPLLLKRRKKARALEAAALAH
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Simple Western, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot 1:500, Simple Western 1:50, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Proximity Ligation Assay
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA. In Simple Western only 10-15 uL of the recommended dilution is used per data point. Simple Western reported by an internal validation. Separated by Size, antibody dilution of 1:50, detects a band at 50 kDa.

## Images

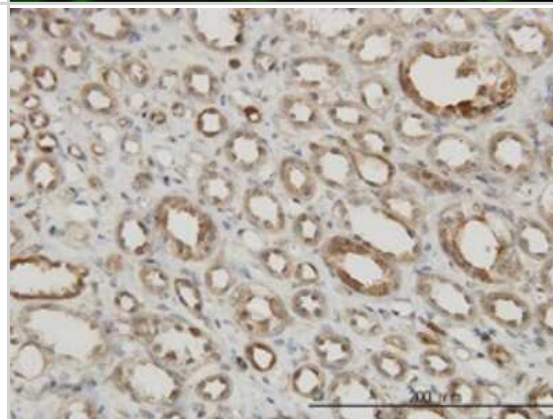
Western Blot: MAPKAPK2 Antibody (2B3) [H00009261-M01] - MAPKAPK2 monoclonal antibody (M01), clone 2B3 Analysis of MAPKAPK2 expression in K-562.



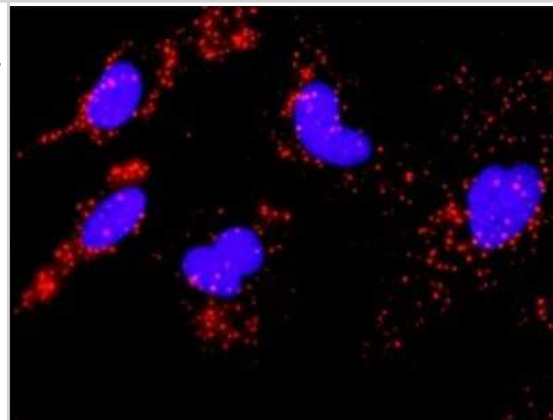
Immunocytochemistry/Immunofluorescence: MAPKAPK2 Antibody (2B3) [H00009261-M01] - Analysis of monoclonal antibody to MAPKAPK2 on HeLa cell. Antibody concentration 10 ug/ml.



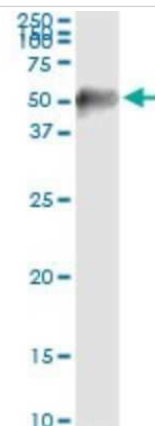
Immunohistochemistry-Paraffin: MAPKAPK2 Antibody (2B3) [H00009261-M01] - Analysis of monoclonal antibody to MAPKAPK2 on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.



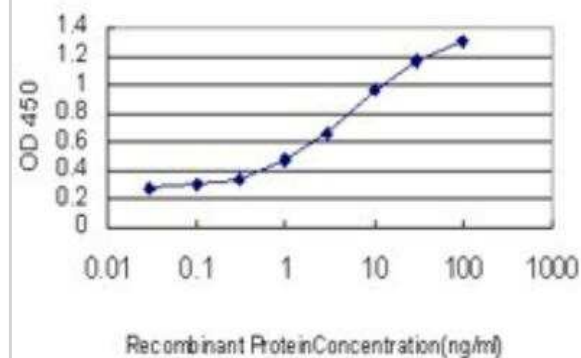
Proximity Ligation Assay: MAPKAPK2 Antibody (2B3) [H00009261-M01] - Analysis of protein-protein interactions between AKT1 and MAPKAPK2. HeLa cells were stained with anti-AKT1 rabbit purified polyclonal 1:1200 and anti-MAPKAPK2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Immunoprecipitation: MAPKAPK2 Antibody (2B3) [H00009261-M01] - Analysis of MAPKAPK2 transfected lysate using anti-MAPKAPK2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with MAPKAPK2 MaxPab rabbit polyclonal antibody.



ELISA: MAPKAPK2 Antibody (2B3) [H00009261-M01] - Detection limit for recombinant GST tagged MAPKAPK2 is approximately 0.1ng/ml as a capture antibody.





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### **Products Related to H00009261-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-58247PEP	MAPKAPK2 Recombinant Protein Antigen

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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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