

# Product Datasheet

## MAPKAPK2 Antibody (2B3) - Azide and BSA Free H00009261-M01

Unit Size: 0.1 mg

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

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**H00009261-M01**

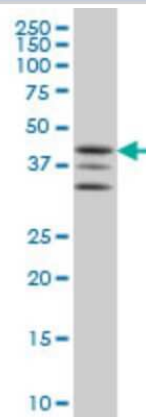
MAPKAPK2 Antibody (2B3) - Azide and BSA Free

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	2B3
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse MAPKAPK2 Antibody (2B3) - Azide and BSA Free (H00009261-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF, Simple Western and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9261
Gene Symbol	MAPKAPK2
Species	Human
Specificity/Sensitivity	MAPKAPK2 - mitogen-activated protein kinase-activated protein kinase 2
Immunogen	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
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Proximity Ligation Assay
Recommended Dilutions	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
Application Notes	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. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: separated by size, charge; antibody dilution of 1:50; detects a band at 50 kDa.

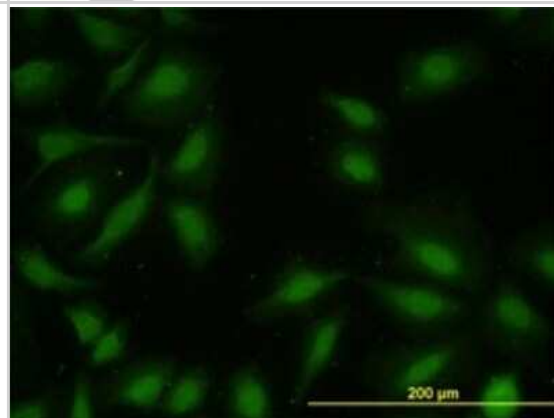


## Images

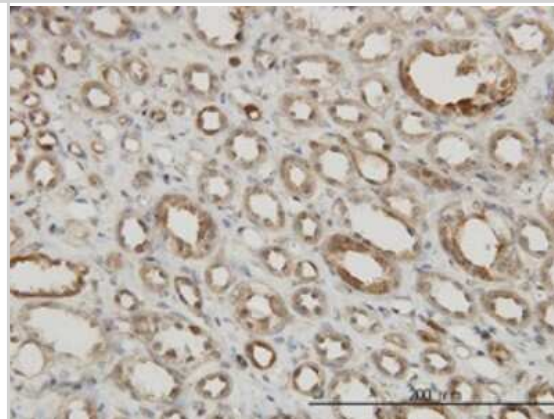
Western Blot: MAPKAPK2 Antibody (2B3) [H00009261-M01] - MAPKAPK2 monoclonal antibody (M01), clone 2B3 Analysis of MAPKAPK2 expression in K-562.



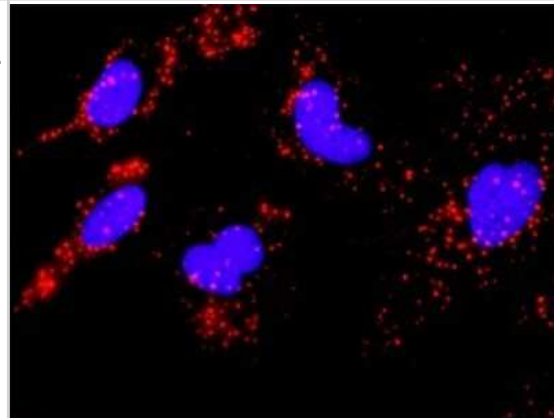
Immunocytochemistry/Immunofluorescence: MAPKAPK2 Antibody (2B3) [H00009261-M01] - Analysis of monoclonal antibody to MAPKAPK2 on HeLa cell. Antibody concentration 10 ug/ml.



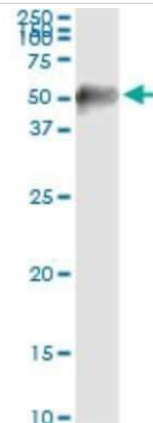
Immunohistochemistry-Paraffin: MAPKAPK2 Antibody (2B3) [H00009261-M01] - Analysis of monoclonal antibody to MAPKAPK2 on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.



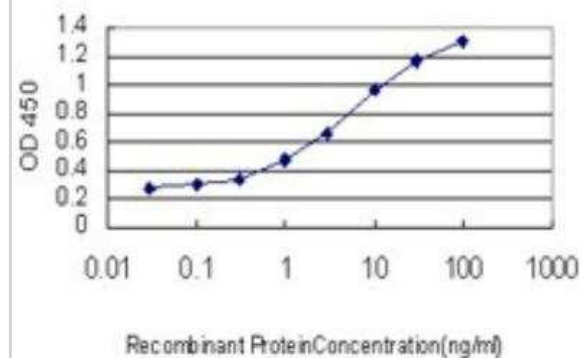
Proximity Ligation Assay: MAPKAPK2 Antibody (2B3) [H00009261-M01] - Analysis of protein-protein interactions between AKT1 and MAPKAPK2. HeLa cells were stained with anti-AKT1 rabbit purified polyclonal 1:1200 and anti-MAPKAPK2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein 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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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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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