

# Product Datasheet

## MEK2 Antibody (OTI8G6) - Azide and BSA Free NBP2-72646

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-72646**

MEK2 Antibody (OTI8G6) - Azide and BSA Free

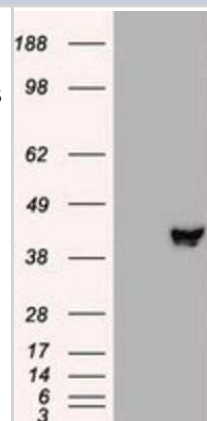
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI8G6
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	44.4 kDa

Product Description	
Host	Mouse
Gene ID	5605
Gene Symbol	MAP2K2
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Full-length protein expressed in 293T cell transfected with human MAP2K2 expression vector

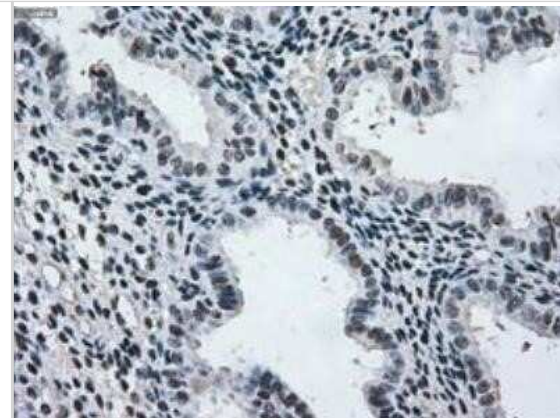
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, CyTOF-ready

**Images**

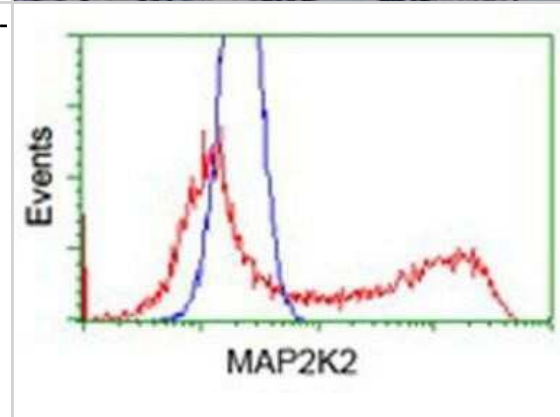
Western Blot: MEK2 Antibody (OTI8G6) - Azide and BSA Free [NBP2-72646] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MEK2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MEK2.



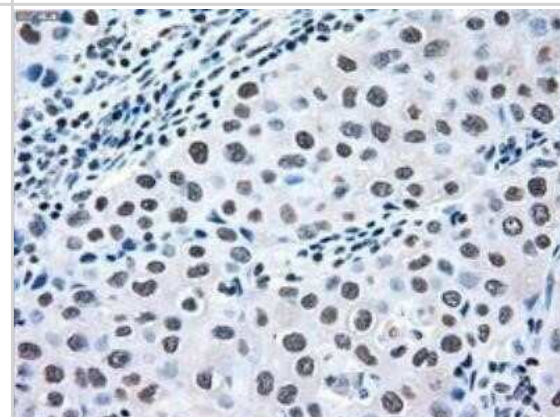
Immunohistochemistry: MEK2 Antibody (OTI8G6) - Azide and BSA Free [NBP2-72646] - Staining of paraffin-embedded Human Kidney tissue using anti-MEK2 mouse monoclonal antibody.



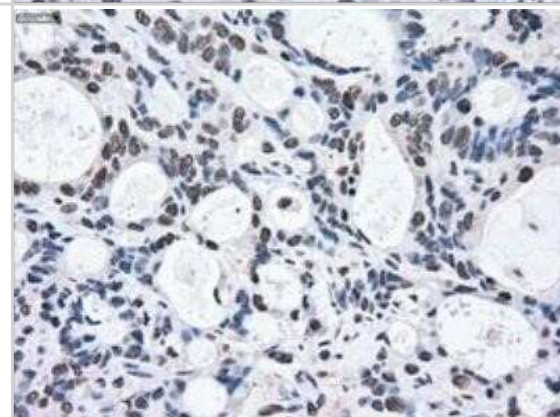
Flow Cytometry: MEK2 Antibody (OTI8G6) - Azide and BSA Free [NBP2-72646] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-MEK2 antibody, and then analyzed by flow cytometry.



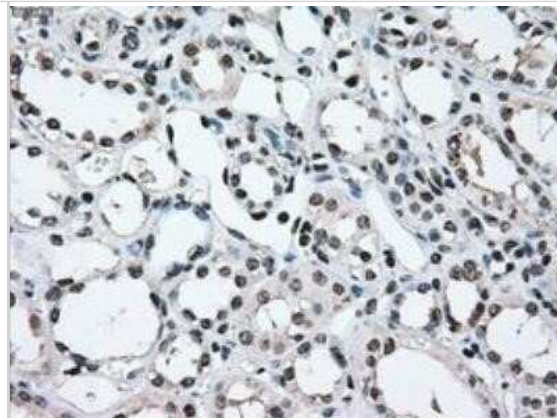
Immunohistochemistry: MEK2 Antibody (OTI8G6) - Azide and BSA Free [NBP2-72646] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-MEK2 mouse monoclonal antibody.



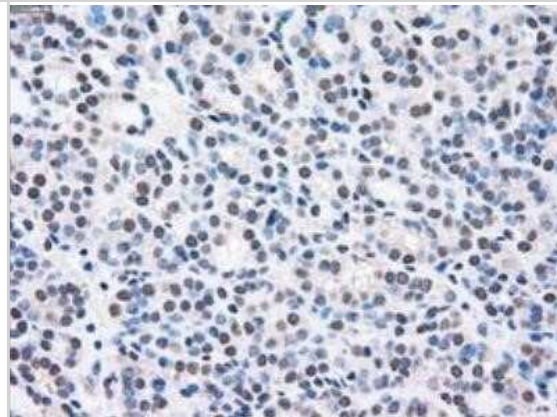
Immunohistochemistry: MEK2 Antibody (OTI8G6) - Azide and BSA Free [NBP2-72646] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-MEK2 mouse monoclonal antibody.



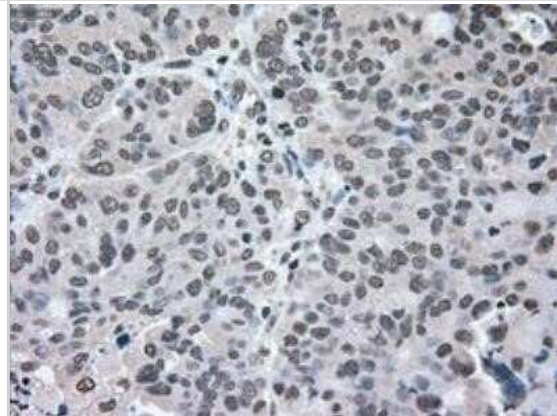
Immunohistochemistry: MEK2 Antibody (OTI8G6) - Azide and BSA Free [NBP2-72646] - Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-MEK2 mouse monoclonal antibody.



Immunohistochemistry: MEK2 Antibody (OTI8G6) - Azide and BSA Free [NBP2-72646] - Staining of paraffin-embedded Human endometrium tissue using anti-MEK2 mouse monoclonal antibody.



Immunohistochemistry: MEK2 Antibody (OTI8G6) - Azide and BSA Free [NBP2-72646] - Staining of paraffin-embedded Human lung tissue using anti-MEK2 mouse monoclonal antibody.







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### **Products Related to NBP2-72646**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-38660PEP	MEK2 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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