

Product Datasheet

MEK1 Antibody (OTI1F5) NBP1-47833

Unit Size: 0.1 ml

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

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NBP1-47833**MEK1 Antibody (OTI1F5)**

Product Information	
Unit Size	0.1 ml
Concentration	0.99 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI1F5
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	43.4 kDa

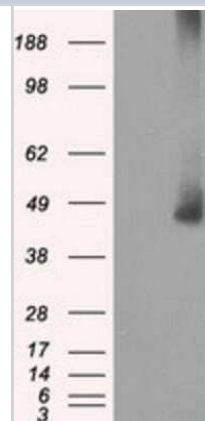
Product Description	
Description	Novus Biologicals Mouse MEK1 Antibody (OTI1F5) (NBP1-47833) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-MEK1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5604
Gene Symbol	MAP2K1
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.
Specificity/Sensitivity	This antibody is specific for Homo sapiens mitogen-activated protein kinase kinase 1 (MAP2K1).
Immunogen	Full-length protein expressed in 293T cell transfected with human MAP2K1 expression vector

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:50

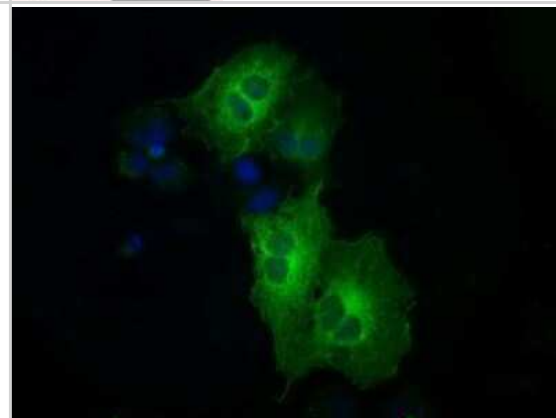


Images

Western Blot: MEK1 Antibody (1F5) [NBP1-47833] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MEK1(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-MEK1.



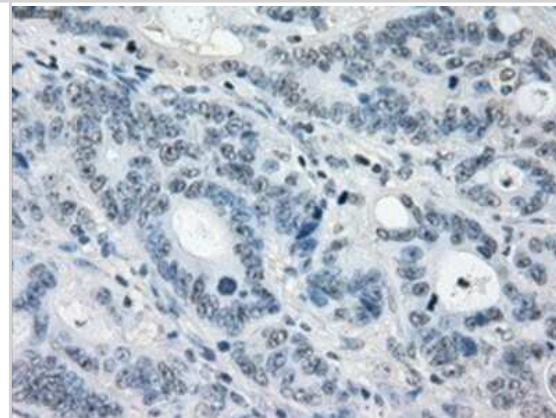
Immunocytochemistry/Immunofluorescence: MEK1 Antibody (1F5) [NBP1-47833] Staining of COS7 cells transiently transfected by pCMV6-ENTRY MEK1.



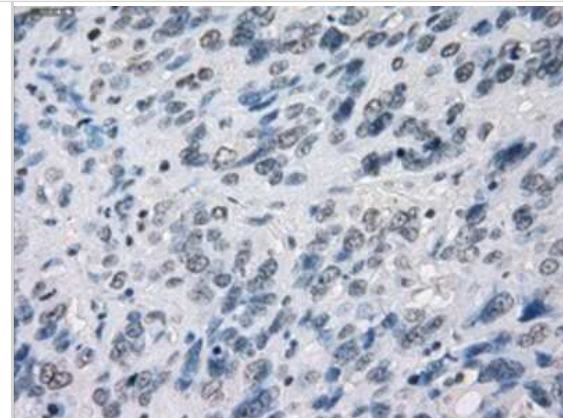
Immunohistochemistry-Paraffin: MEK1 Antibody (1F5) [NBP1-47833] - Staining of paraffin-embedded prostate tissue using anti-MEK1 mouse monoclonal antibody.



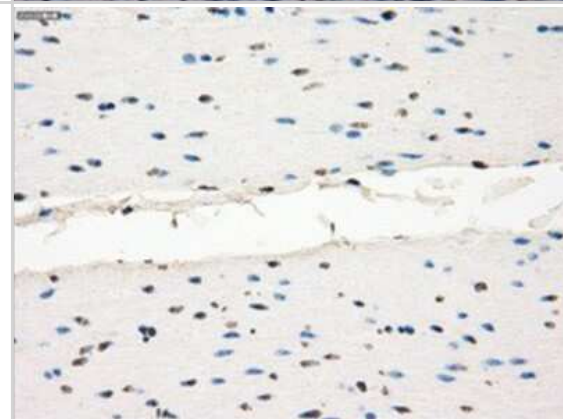
Immunohistochemistry-Paraffin: MEK1 Antibody (1F5) [NBP1-47833] - Staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-MEK1 mouse monoclonal antibody.



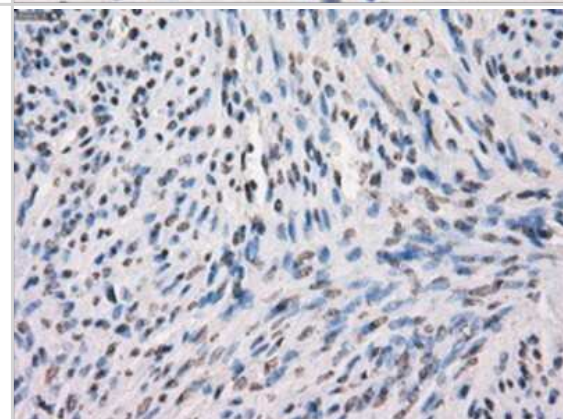
Immunohistochemistry-Paraffin: MEK1 Antibody (1F5) [NBP1-47833] - Staining of paraffin-embedded Carcinoma of bladder tissue using anti-MEK1 mouse monoclonal antibody.



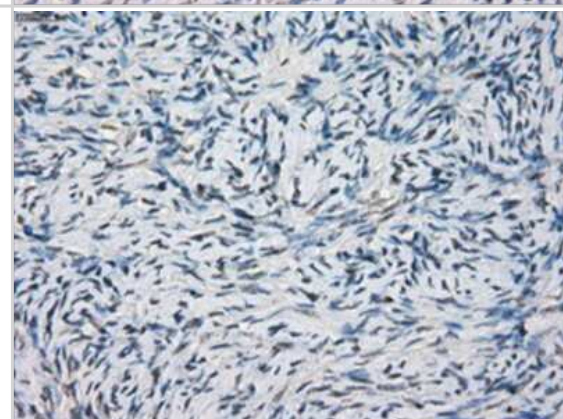
Immunohistochemistry-Paraffin: MEK1 Antibody (1F5) [NBP1-47833] - Staining of paraffin-embedded colon tissue using anti-MEK1 mouse monoclonal antibody.



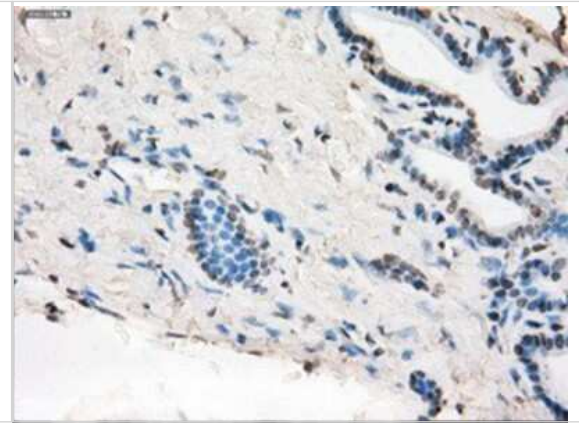
Immunohistochemistry-Paraffin: MEK1 Antibody (1F5) [NBP1-47833] - Staining of paraffin-embedded endometrium tissue using anti-MEK1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: MEK1 Antibody (1F5) [NBP1-47833] - Staining of paraffin-embedded Ovary tissue using anti-MEK1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: MEK1 Antibody (1F5) [NBP1-47833] - Staining of paraffin-embedded pancreas tissue using anti-MEK1 mouse monoclonal antibody.



Publications

Lu H Samanta D Xiang L et al. Chemotherapy triggers HIF-1-dependent glutathione synthesis and copper chelation that induces the breast cancer stem cell phenotype. Proc Natl Acad Sci U S A. 2015-07-30 [PMID: 26229077] (WB, Human)



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Products Related to NBP1-47833

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)
H00005604-Q01-10ug	Recombinant Human MEK1 GST (N-Term) Protein

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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