

Product Datasheet

MKK4/MEK4 Antibody (OTI8A8)

NBP1-47839

Unit Size: 0.1 ml

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

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MKK4/MEK4 Antibody (OTI8A8)

Product Information

Unit Size	0.1 ml
Concentration	2.36 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI8A8
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	44.3 kDa

Product Description

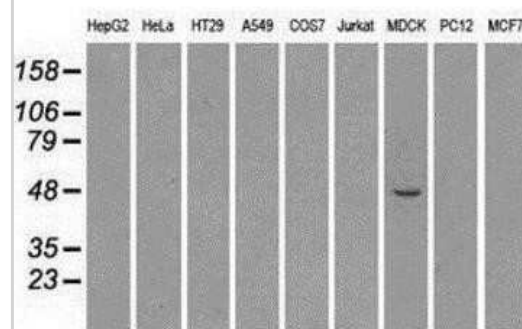
Host	Mouse
Gene ID	6416
Gene Symbol	MAP2K4
Species	Human, Mouse, Rat, Canine
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can 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 4 (MAP2K4).
Immunogen	Full-length protein expressed in 293T cell transfected with human MAP2K4 expression vector

Product Application Details

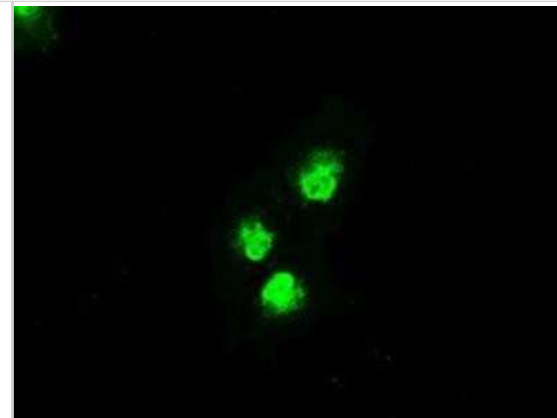
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin 1:150

Images

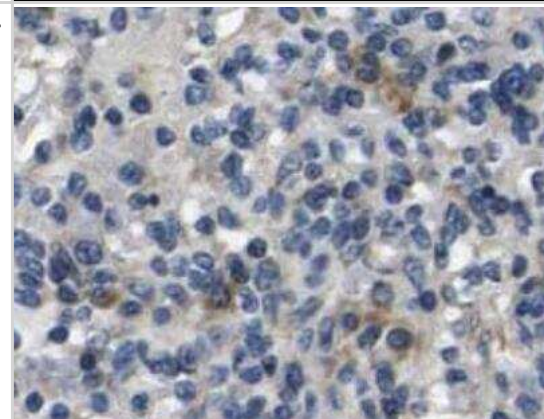
Western Blot: MKK4/MEK4 Antibody (OTI8A8) [NBP1-47839] - Analysis of extracts (35ug) from 9 different cell lines by using anti-MEK4 monoclonal antibody.



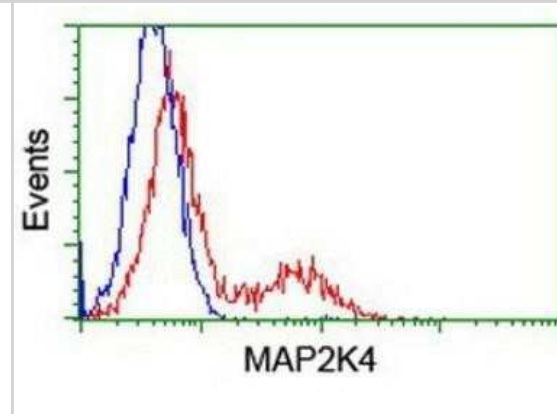
Immunocytochemistry/Immunofluorescence: MKK4/MEK4 Antibody (OTI8A8) [NBP1-47839] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY MEK4.



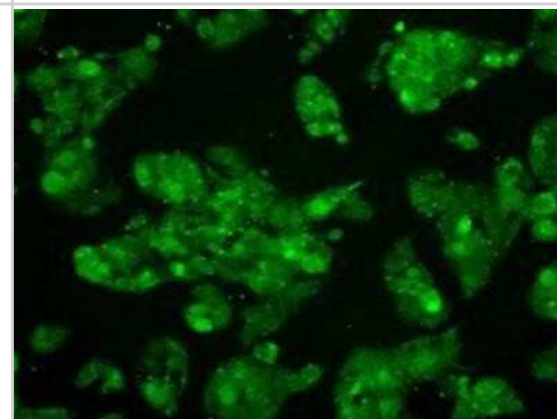
Immunohistochemistry-Paraffin: MKK4/MEK4 Antibody (OTI8A8) [NBP1-47839] - Staining of paraffin-embedded mouse spleen tissue using MKK4/MEK4 antibody (OTI8A8). Image from verified customer review.



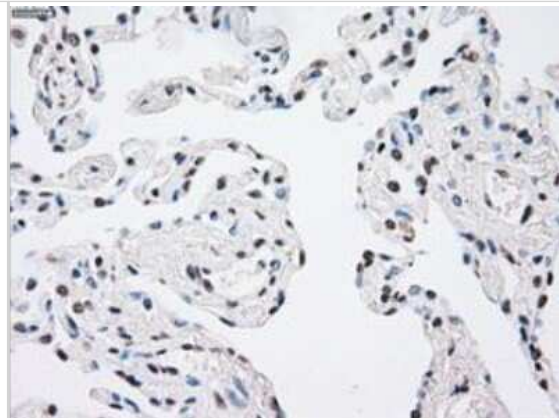
Flow Cytometry: MKK4/MEK4 Antibody (OTI8A8) [NBP1-47839] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-MEK4 antibody, and then analyzed by flow cytometry.



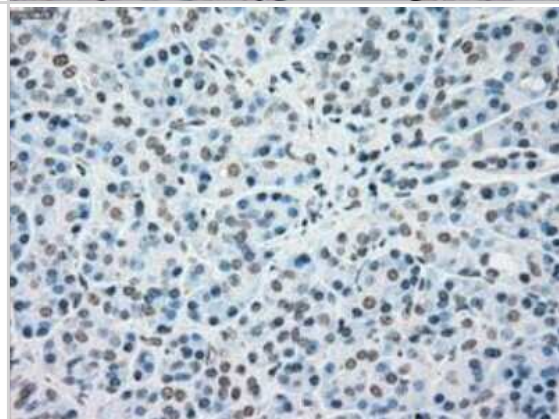
Immunocytochemistry/Immunofluorescence: MKK4/MEK4 Antibody (OTI8A8) [NBP1-47839] - Staining of HepG2 cells using anti-MEK4 mouse monoclonal antibody.



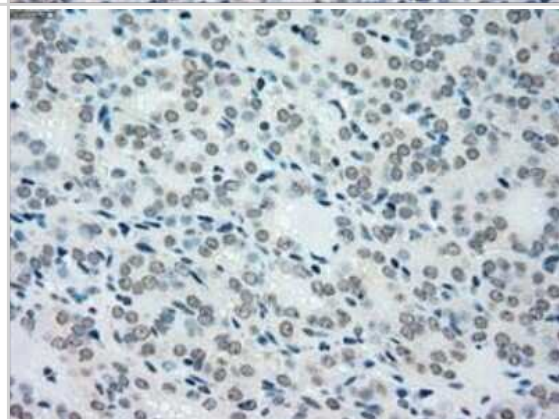
Immunohistochemistry-Paraffin: MKK4/MEK4 Antibody (OTI8A8) [NBP1-47839] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-MEK4 mouse monoclonal antibody.



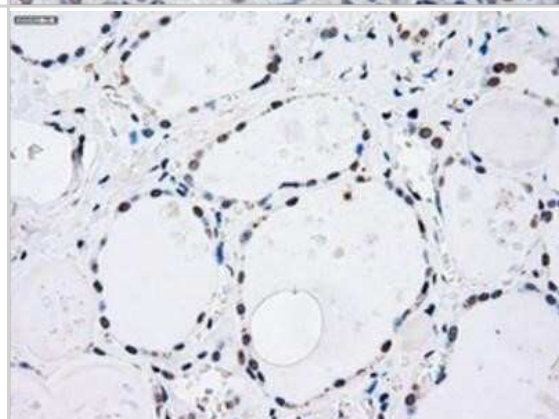
Immunohistochemistry-Paraffin: MKK4/MEK4 Antibody (OTI8A8) [NBP1-47839] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-MEK4 mouse monoclonal antibody.



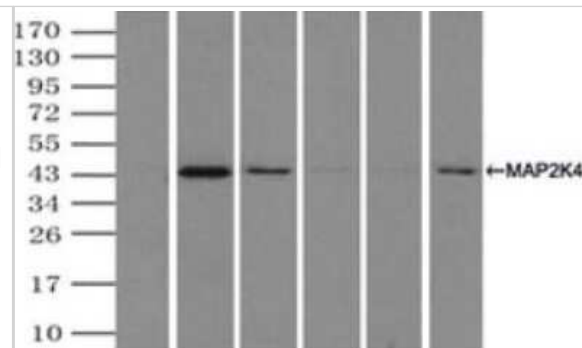
Immunohistochemistry-Paraffin: MKK4/MEK4 Antibody (OTI8A8) [NBP1-47839] - Staining of paraffin-embedded Human pancreas tissue using anti-MEK4 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: MKK4/MEK4 Antibody (OTI8A8) [NBP1-47839] - Staining of paraffin-embedded Human thyroid tissue using anti-MEK4 mouse monoclonal antibody.



Immunoprecipitation: MKK4/MEK4 Antibody (OTI8A8) [NBP1-47839] - (Negative control: IP without adding anti-MAP2K4 antibody.). For each experiment, 500ul of DDK tagged MAP2K4 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-MAP2K4 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.





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Products Related to NBP1-47839

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-57194PEP	MKK4/MEK4 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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