

Product Datasheet

MKK4/MEK4 Antibody (OTI8A8) - Azide and BSA Free NBP2-72710

Unit Size: 100 ug

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

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NBP2-72710

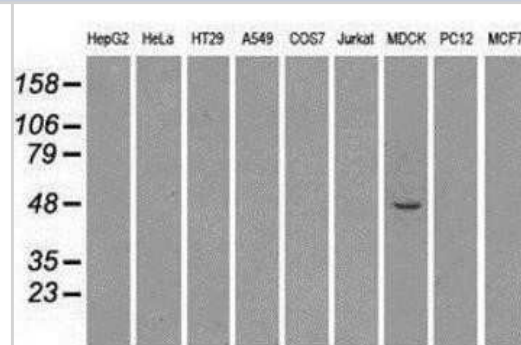
MKK4/MEK4 Antibody (OT18A8) - Azide and BSA Free

| Product Information | |
|-----------------------------|---|
| Unit Size | 100 ug |
| Concentration | LYOPH mg/ml |
| Storage | Store at -20C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | OT18A8 |
| 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 | IgG2b |
| Purity | Immunogen affinity purified |
| Buffer | Lyophilized from PBS (pH 7.3) with 8% Trehalose |
| 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. |
| 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, Immunoprecipitation, CyTOF-ready |
| Recommended Dilutions | Western Blot 1:500-1000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:50-100, Immunoprecipitation 2ug/500ul, CyTOF-ready |

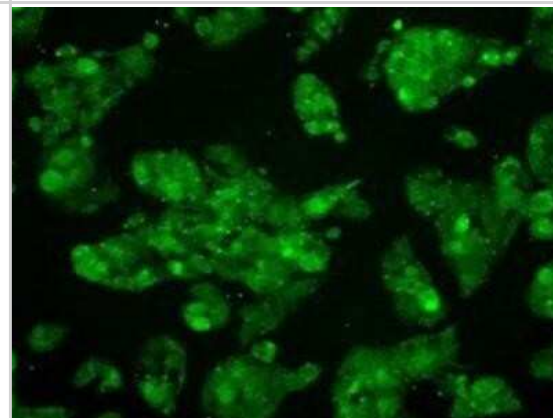


Images

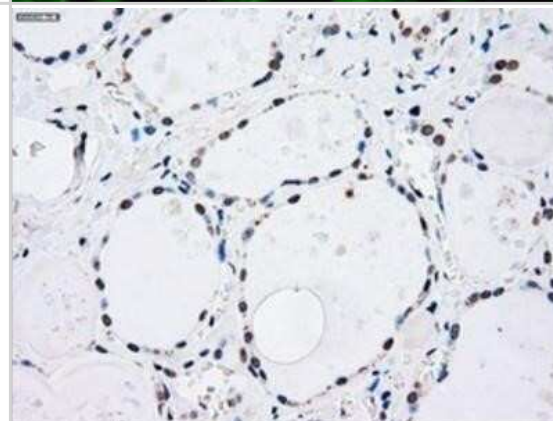
Western Blot: MKK4/MEK4 Antibody (OTI8A8) - Azide and BSA Free [NBP2-72710] - Analysis of extracts (35ug) from 9 different cell lines by using anti-MEK4 monoclonal antibody.



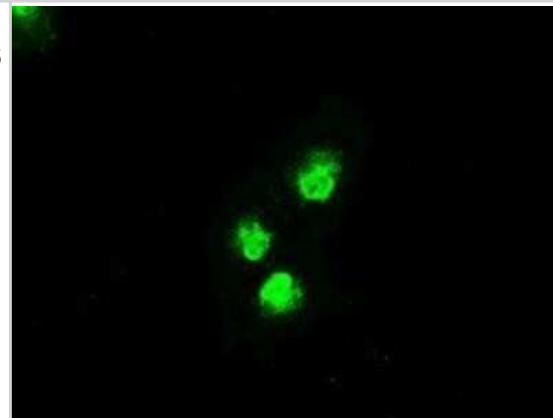
Immunocytochemistry/Immunofluorescence: MKK4/MEK4 Antibody (OTI8A8) - Azide and BSA Free [NBP2-72710] - Staining of HepG2 cells using anti-MEK4 mouse monoclonal antibody.



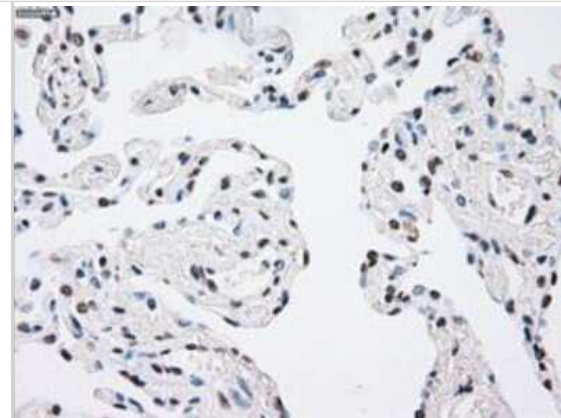
Immunohistochemistry: MKK4/MEK4 Antibody (OTI8A8) - Azide and BSA Free [NBP2-72710] - Staining of paraffin-embedded Human thyroid tissue using anti-MEK4 mouse monoclonal antibody.



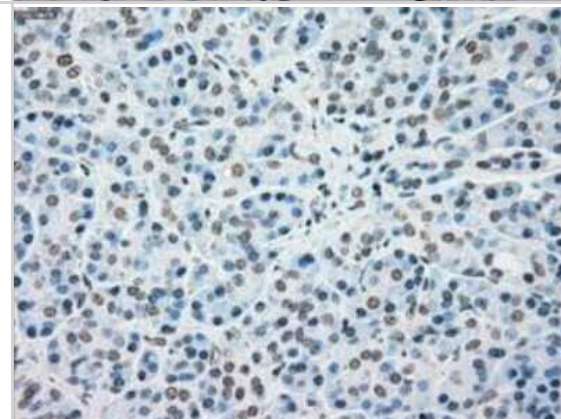
Flow Cytometry: MKK4/MEK4 Antibody (OTI8A8) - Azide and BSA Free [NBP2-72710] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY MEK4.



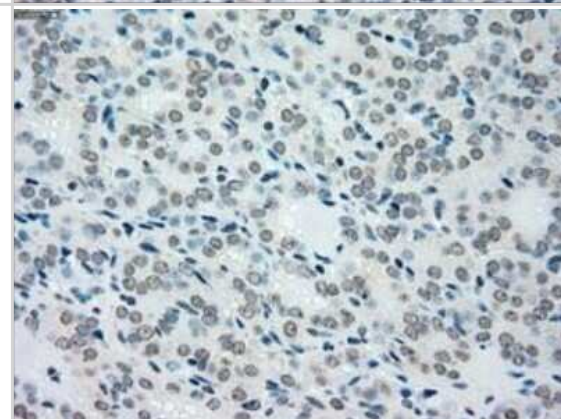
Immunohistochemistry: MKK4/MEK4 Antibody (OTI8A8) - Azide and BSA Free [NBP2-72710] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-MEK4 mouse monoclonal antibody.



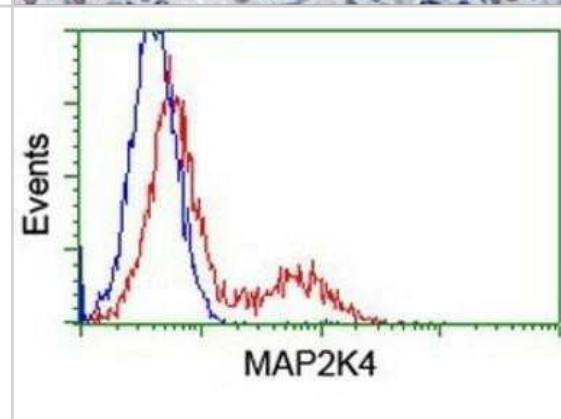
Immunohistochemistry: MKK4/MEK4 Antibody (OTI8A8) - Azide and BSA Free [NBP2-72710] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-MEK4 mouse monoclonal antibody.



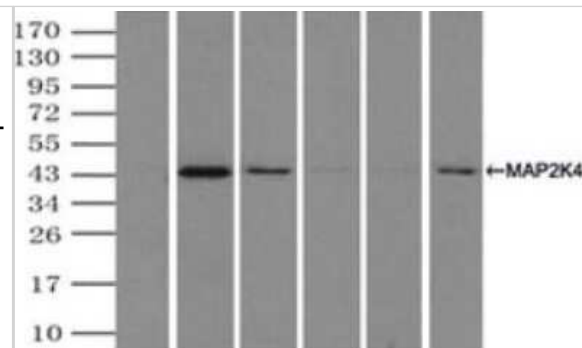
Immunohistochemistry: MKK4/MEK4 Antibody (OTI8A8) - Azide and BSA Free [NBP2-72710] - Staining of paraffin-embedded Human pancreas tissue using anti-MEK4 mouse monoclonal antibody.



Flow Cytometry: MKK4/MEK4 Antibody (OTI8A8) - Azide and BSA Free [NBP2-72710] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostaining by anti-MEK4 antibody, and then analyzed by flow cytometry.



Immunoprecipitation: MKK4/MEK4 Antibody (OTI8A8) - Azide and BSA Free [NBP2-72710] - (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 NBP2-72710

| | |
|---------------|---|
| 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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