

Product Datasheet

ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free NBP2-71240

Unit Size: 100 ug

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

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NBP2-71240

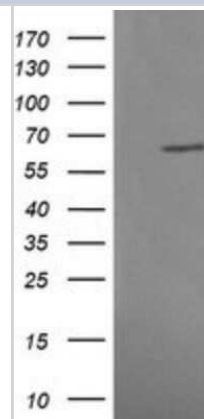
ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2D7
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	65.7 kDa
Product Description	
Description	Novus Biologicals Mouse ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free (NBP2-45743) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5596
Gene Symbol	MAPK4
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 human recombinant protein of human MAPK4(NP_002738) produced in HEK293T cell.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:4000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

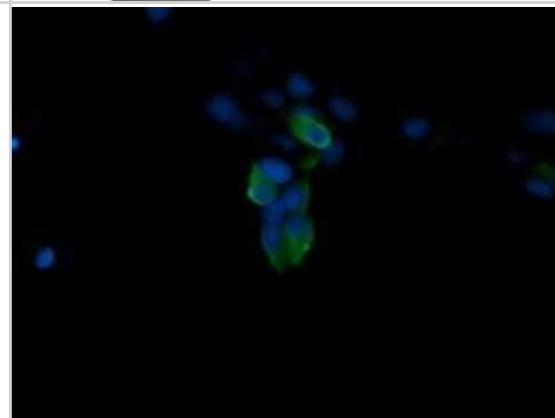


Images

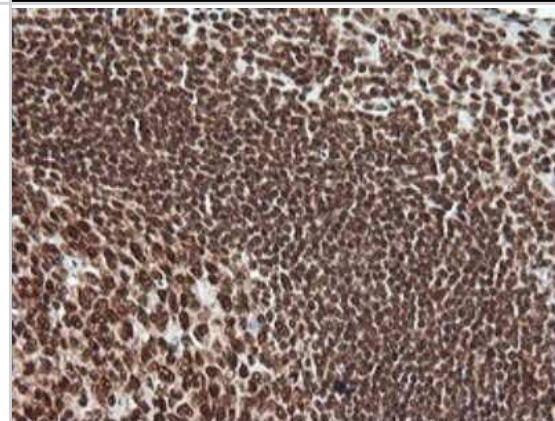
Western Blot: ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free [NBP2-71240] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MAPK4 .



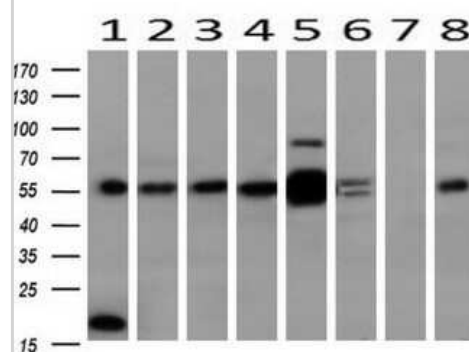
Immunocytochemistry/Immunofluorescence: ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free [NBP2-71240] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY ERK4/MAPK4.



Immunohistochemistry: ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free [NBP2-71240] - Analysis of Human tonsil tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



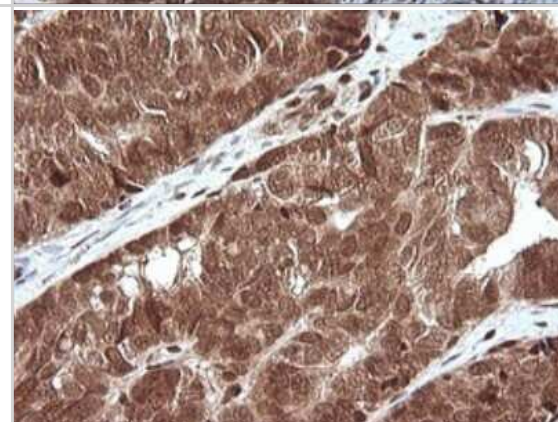
Western Blot: ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free [NBP2-71240] - Analysis of extracts (10ug) from 8 Human tissue (1: Testis; 2: Uterus; 3: Breast; 4: Brain; 5: Liver; 6: Ovary; 7: Thyroid gland; 8: Colon).



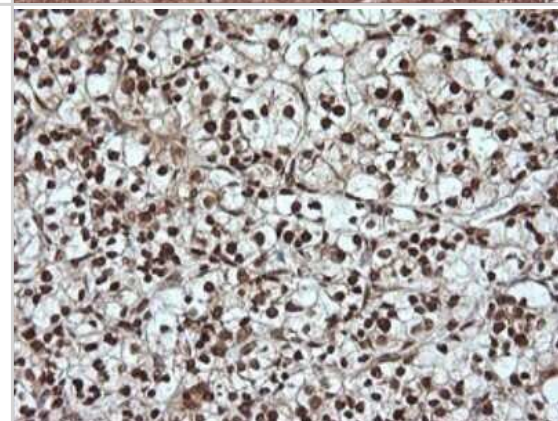
Immunohistochemistry: ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free [NBP2-71240] - Analysis of Adenocarcinoma of Human endometrium tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



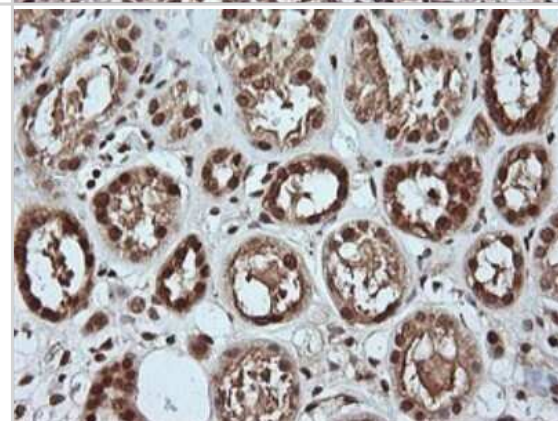
Immunohistochemistry: ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free [NBP2-71240] - Analysis of Adenocarcinoma of Human ovary tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



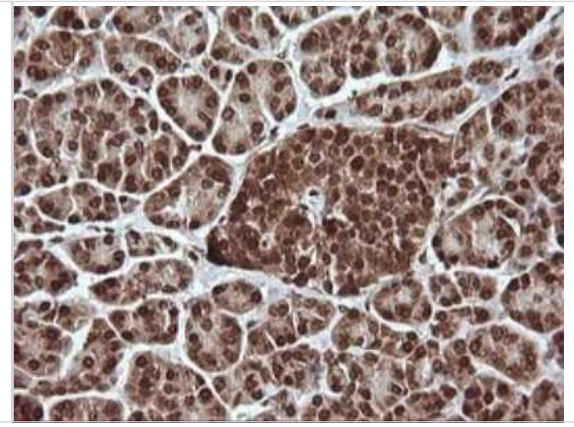
Immunohistochemistry: ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free [NBP2-71240] - Analysis of Carcinoma of Human kidney tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: ERK4/MAPK4 Antibody (OTI2D7) - Azide and BSA Free [NBP2-71240] - Analysis of Human Kidney tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: ERK4/MAPK4 Antibody (OT12D7) - Azide and BSA Free [NBP2-71240] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)





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Products Related to NBP2-71240

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)
NBP2-08072	ERK4/MAPK4 Overexpression Lysate

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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