

Product Datasheet

ERK2 Antibody (2K9N9)

NBP3-15826-100ul

Unit Size: 100 ul

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

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NBP3-15826-100ul

ERK2 Antibody (2K9N9)

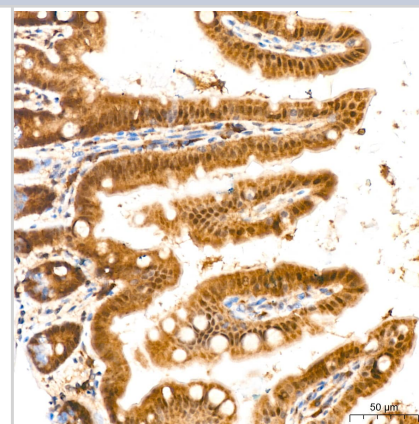
Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2K9N9
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA
Target Molecular Weight	41 kDa

Product Description	
Description	Novus Biologicals Rabbit ERK2 Antibody (2K9N9) (NBP3-15826) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5594
Gene Symbol	MAPK1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human ERK2/ERK1/2 (P27361/P28482). FLTEYVATRWYRAPEIMLNSKGYTKSIDIWSVGCILAEMLSNRPIFPKGKHYLDQL NHILGILGSPSQEDLNCIINMKARNYLQSLPSKTKVAWAKLFPKSD/LNSKGYTK SIDIWSVGCILAEMLSNRPIFPKGKHYLDQLNHILGILGSPSQEDLNCIINLKARNYL LSLPHKNKVPWNRLFPNADSKALDLDKMLTFNPHK

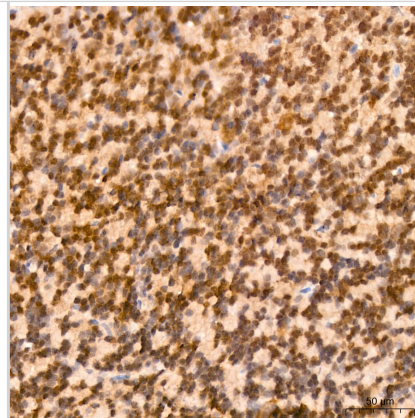
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:4000, ELISA Recommended starting concentration is 1 µg/mL, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

Images

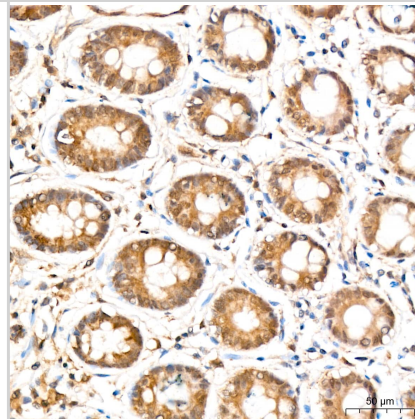
Immunohistochemistry: ERK2 Antibody (2K9N9) [ERK2] - Immunohistochemistry analysis of paraffin-embedded Mouse intestine tissue using ERK2 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



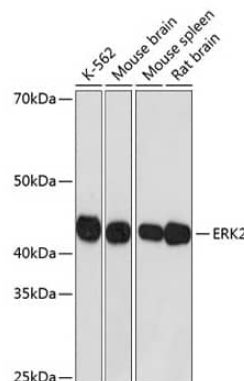
Immunohistochemistry: ERK2 Antibody (2K9N9) [ERK2] -
 Immunohistochemistry analysis of paraffin-embedded Rat brain tissue using ERK2 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



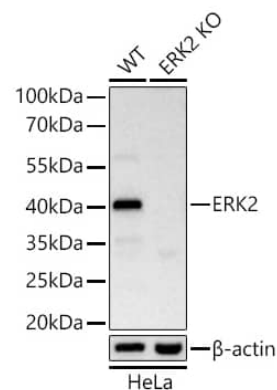
Immunohistochemistry: ERK2 Antibody (2K9N9) [ERK2] -
 Immunohistochemistry analysis of paraffin-embedded Human colon tissue using ERK2 Rabbit mAb at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Analysis of extracts of various cell lines using ERK2 Rabbit mAb at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1 s.



Analysis of lysates from wild type (WT) and ERK2 knockout (KO) HeLa cells using ERK2 Rabbit mAb at 1:2000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 45 s.





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Products Related to NBP3-15826-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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