

# Product Datasheet

## ERK1/2 Antibody (2Z801)

### NBP3-35062-100ul

Unit Size: 100 ul

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

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**NBP3-35062-100ul**

ERK1/2 Antibody (2Z8O1)

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	2Z8O1
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.3), 50% glycerol, 0.05% BSA

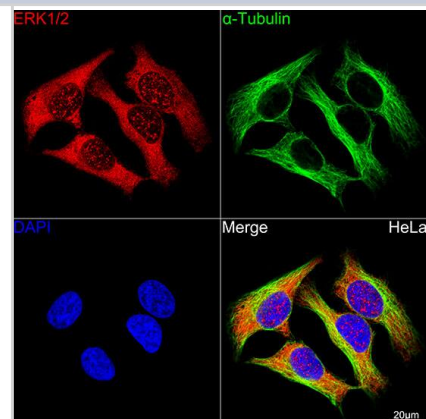
Product Description	
Description	Novus Biologicals Rabbit ERK1/2 Antibody (2Z8O1) (NBP3-35062) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5595
Gene Symbol	MAPK3
Species	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 180-360 of human ERK1/2 (P28482).  Sequence: HTGFLTEYVATRWYRAPEIMLNSKGYTKSIDIWSVGCILAEMLSNRPIFPGKHYL DQLNHILGILGSPSQEDLNCIINLKARNYLLSLPHKNKVPWNRLFNPADSKALDL LDKMLTFNPHKRIEVEQALAHPLYEQYYDPSDEPIAEAPFKFDMELDDLPKEKL KELIFEETARFQPGYRS

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:1000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200

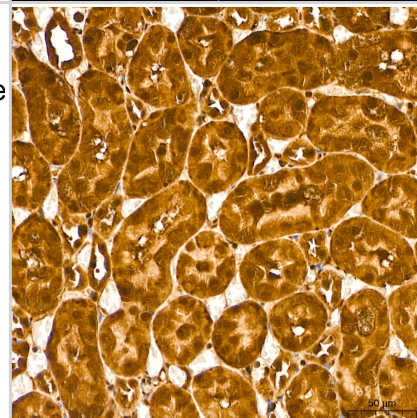


## Images

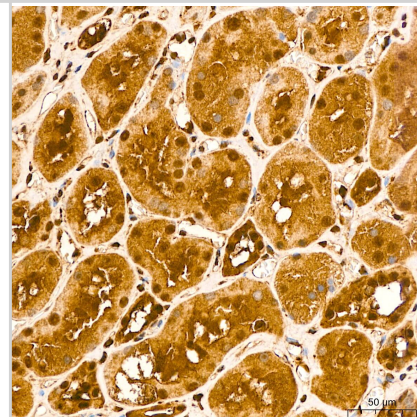
Immunocytochemistry/ Immunofluorescence: ERK1/2 Antibody (2Z8O1) [NBP3-35062] - Confocal imaging of HeLa cells using ERK1/2 Rabbit mAb(Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (Green). DAPI was used for nuclear staining (blue). Objective: 100x.



Immunohistochemistry: ERK1/2 Antibody (2Z8O1) [NBP3-35062] - Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using ERK1/2 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: ERK1/2 Antibody (2Z8O1) [NBP3-35062] - Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using ERK1/2 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.



Western Blot: ERK1/2 Antibody (2Z8O1) [NBP3-35062] - Western Blot analysis of various lysates using ERK1/2 Rabbit mAb at 1:1000 dilution incubated overnight at 4C.

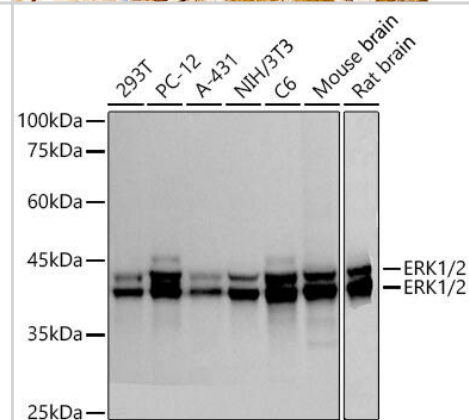
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution.

Lysates/proteins: 25 ug per lane.

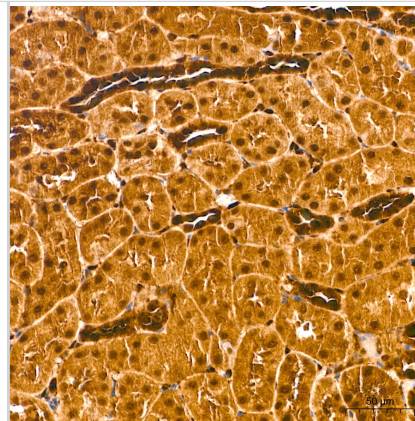
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit.

Exposure time: 3s.



Immunohistochemistry: ERK1/2 Antibody (2Z8O1) [NBP3-35062] - Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using ERK1/2 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.





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### **Products Related to NBP3-35062-100ul**

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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

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### **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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