

# Product Datasheet

## ERK2 Antibody (10C7) - BSA Free NBP3-26150-100ul

Unit Size: 100 ul

Store at -20 to -70C. Avoid freeze-thaw cycles.

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**NBP3-26150-100ul**

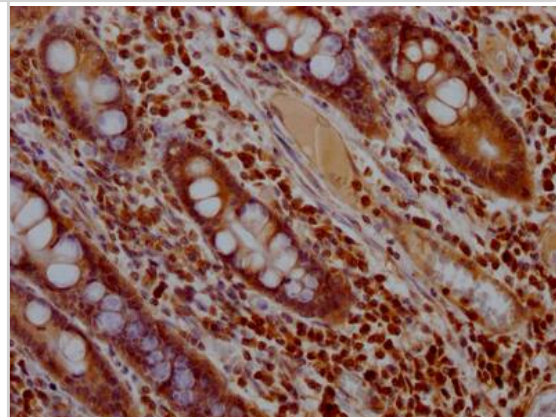
ERK2 Antibody (10C7) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20 to -70C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	10C7
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS, pH 7.4, 150mM NaCl, and 50% glycerol
Product Description	
Host	Rabbit
Gene ID	5594
Gene Symbol	MAPK1
Species	Human, Mouse, Rat
Immunogen	A synthesized peptide derived from Human ERK2 [UniProt P28482]
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:5000, ELISA, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:200



## Images

**Immunohistochemistry: ERK2 Antibody (10C7) [NBP3-26150]** - Image of ERK2 Antibody (10C7) diluted at 1:100 and staining in paraffin-embedded human colon cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



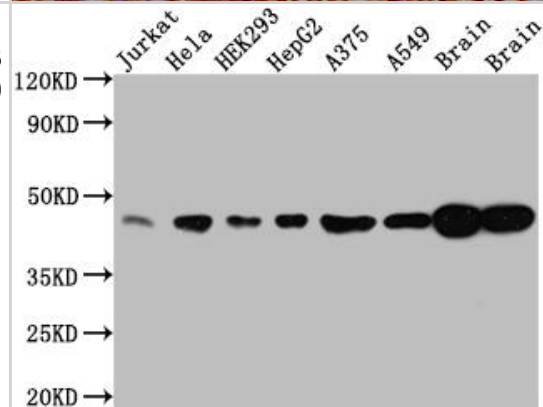
**Western Blot: ERK2 Antibody (10C7) [NBP3-26150]** - Positive Western Blot detected in: Jurkat whole cell lysate, Hela whole cell lysate, HEK293 whole cell lysate, HepG2 whole cell lysate, A375 whole cell lysate, A549 whole cell lysate, Rat Brain whole cell lysate, Mouse Brain whole cell lysate.

All lanes: ERK2 Antibody at 1: 1000

Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution.

Predicted band size: 42, 37 kDa

Observed band size: 42 kDa



**Immunocytochemistry/Immunofluorescence: ERK2 Antibody (10C7) [NBP3-26150]** - Staining of Hela Cells with ERK2 Antibody (10C7) at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeated by 0.2% Triton X-100, and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. Nuclear DNA was labeled in blue with DAPI. The secondary antibody was FITC-conjugated Goat Anti-Rabbit IgG (H+L).





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### **Products Related to NBP3-26150-100ul**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-30309	Recombinant Human ERK2 His Protein

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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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