

Product Datasheet

ERK1/ERK2 [p Thr202, p Thr185] Antibody (2D5) - BSA Free **NBP3-26412-100ul**

Unit Size: 100 ul

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

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NBP3-26412-100ul

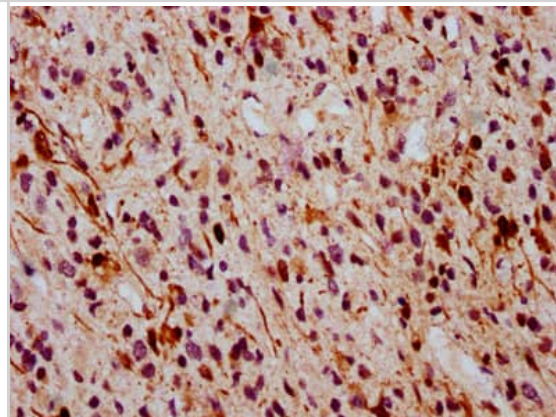
ERK1/ERK2 [p Thr202, p Thr185] Antibody (2D5) - BSA Free

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	2D5
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	5595
Gene Symbol	MAPK3
Species	Human
Immunogen	A synthesized peptide derived from Human ERK2 [p Thr 202] + ERK1 [p Thr 185] [UniProt P27361]
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

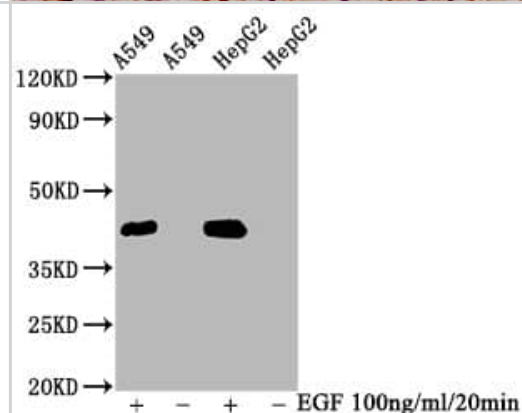


Images

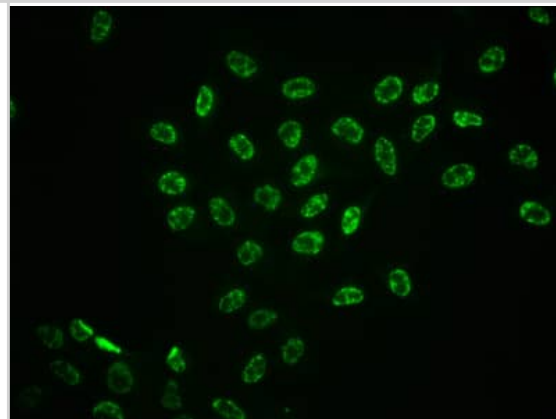
Immunohistochemistry: ERK1/ERK2 [p Thr202, p Thr185] Antibody (2D5) [NBP3-26412] - Image of ERK1/ERK2 [p Thr202, p Thr185] Antibody (2D5) diluted at 1:100 and staining in paraffin-embedded human glioma cancer performed. After dewaxing and hydration, antigen retrieval was mediated by high pressure in 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 biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blot: ERK1/ERK2 [p Thr202, p Thr185] Antibody (2D5) [NBP3-26412] - Positive Western Blot detected in A549 whole cell lysate, HepG2 whole cell lysate (treated with EGF or not). All lanes: ERK1/ERK2 [p Thr202, p Thr185] Antibody at 2.35ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 42 KDa. Observed band size: 42 KDa



Immunocytochemistry/Immunofluorescence: ERK1/ERK2 [p Thr202, p Thr185] Antibody (2D5) [NBP3-26412] - Staining of Hela cells with ERK1/ERK2 [p Thr202, p Thr185] Antibody (2D5) at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4C. The secondary antibody was Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG (H+L).





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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
236-EG-200	EGF [Unconjugated]

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