

Product Datasheet

ERK1/2 Antibody (SP05-09)

NBP2-67378

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67378

ERK1/2 Antibody (SP05-09)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SP05-09
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

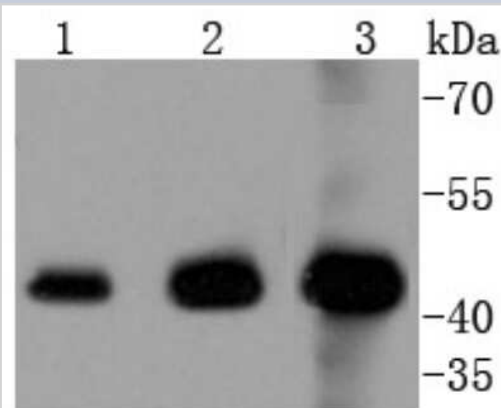
Host	Rabbit
Gene ID	5595
Gene Symbol	MAPK3
Species	Human, Mouse
Immunogen	Synthetic peptide within N-terminal human ERK1/2. (SwissProt: P27361 Human; SwissProt: Q63844 Mouse)

Product Application Details

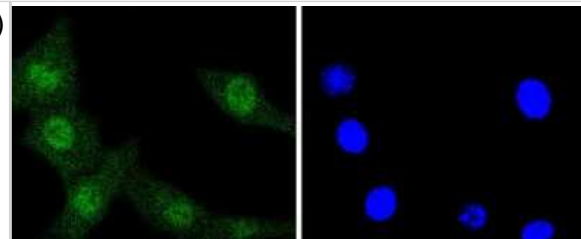
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

Images

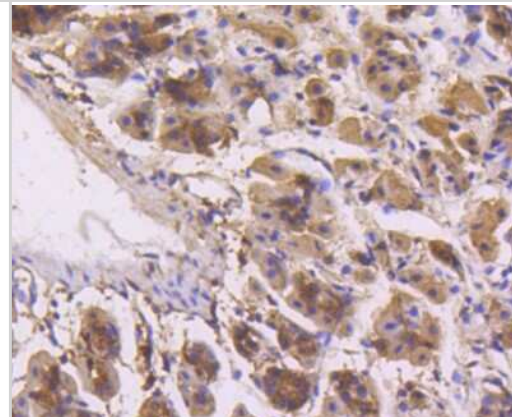
Western Blot: ERK1/2 Antibody (SP05-09) [NBP2-67378] - Analysis of ERK1 on different lysates using anti-ERK1 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: Jurkat Lane 3: K562



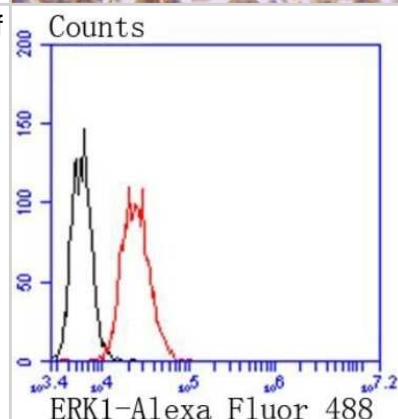
Immunocytochemistry/Immunofluorescence: ERK1/2 Antibody (SP05-09) [NBP2-67378] - Staining ERK1 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



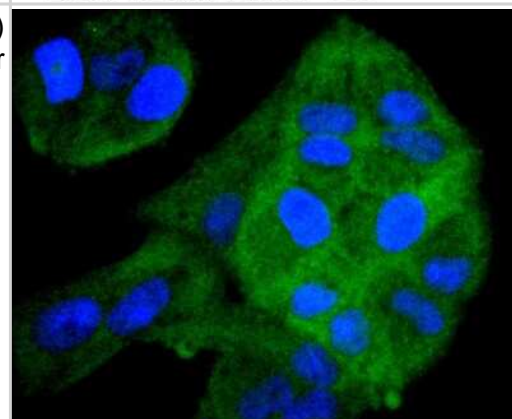
Immunohistochemistry-Paraffin: ERK1/2 Antibody (SP05-09) [NBP2-67378] - Analysis of paraffin-embedded mouse stomach tissue using anti-ERK1 antibody. Counter stained with hematoxylin.



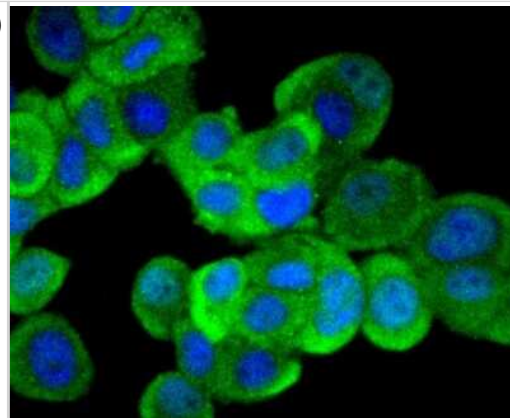
Flow Cytometry: ERK1/2 Antibody (SP05-09) [NBP2-67378] - Analysis of Jurkat cells with ERK1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



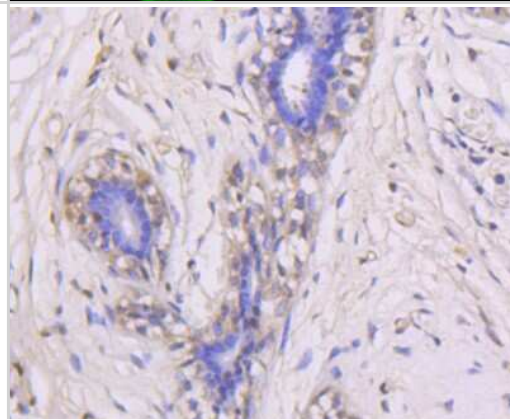
Immunocytochemistry/Immunofluorescence: ERK1/2 Antibody (SP05-09) [NBP2-67378] - Staining ERK1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



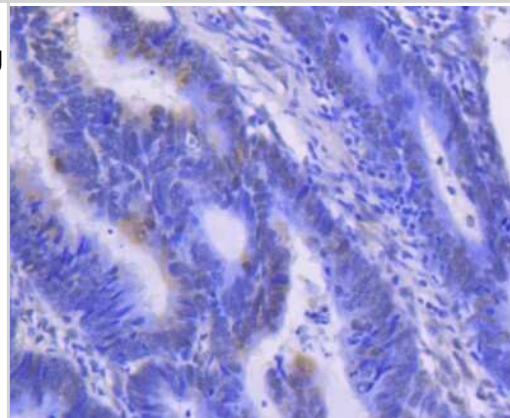
Immunocytochemistry/Immunofluorescence: ERK1/2 Antibody (SP05-09) [NBP2-67378] - Staining ERK1 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: ERK1/2 Antibody (SP05-09) [NBP2-67378] - Analysis of paraffin-embedded human breast tissue using anti-ERK1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: ERK1/2 Antibody (SP05-09) [NBP2-67378] - Analysis of paraffin-embedded human colon cancer tissue using anti-ERK1 antibody. Counter stained with hematoxylin.





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Products Related to NBP2-67378

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
236-EG-200	EGF [Unconjugated]

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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