

Product Datasheet

ERK1/2 Antibody (SA43-03) NBP2-67303

Unit Size: 100 μ l

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

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NBP2-67303

ERK1/2 Antibody (SA43-03)

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	SA43-03
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

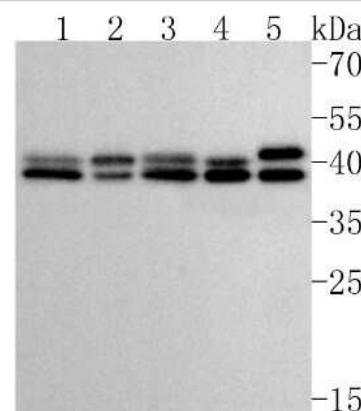
Host	Rabbit
Gene Symbol	MAPK3
Species	Human, Mouse, Rat, Zebrafish
Immunogen	Recombinant protein within human ERK1/2 aa 180-379. (SwissProt: P27361 Human; SwissProt: P28482 Human; SwissProt: P63085 Mouse; SwissProt: Q63844 Mouse; SwissProt: P21708 Rat; SwissProt: P63086 Rat)

Product Application Details

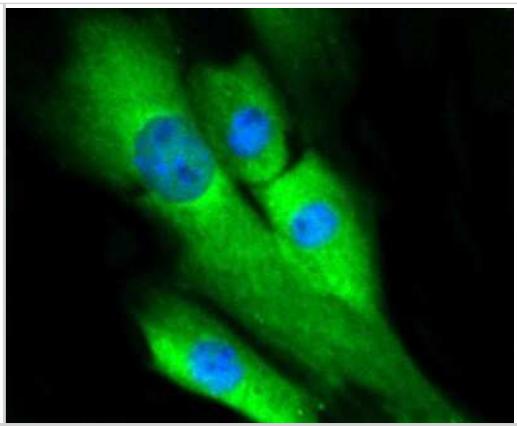
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunocytochemistry/ Immunofluorescence 1:50, Immunoprecipitation 1:10 - 1:500

Images

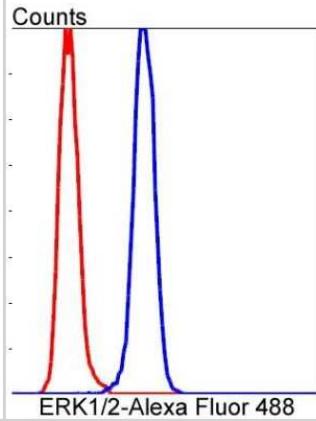
Western Blot: ERK1/2 Antibody (SA43-03) [NBP2-67303] - Western blot analysis of ERK1/2 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Hela cell lysate Lane 2: SW480 cell lysate Lane 3: HCT116 cell lysate Lane 4: PC-12 cell lysate



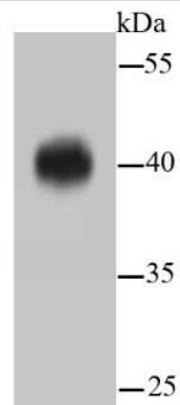
Immunocytochemistry/Immunofluorescence: ERK1/2 Antibody (SA43-03) [NBP2-67303] - Staining ERK1/2 in NIH/3T3 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



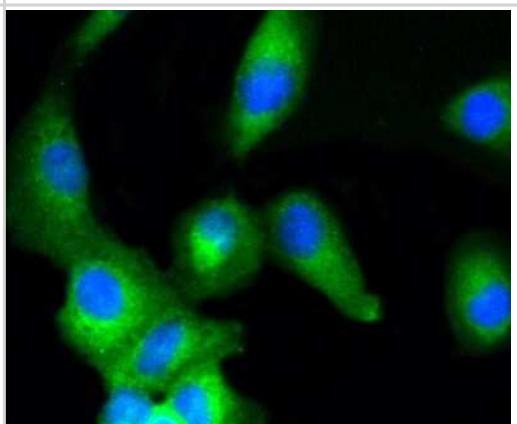
Flow Cytometry: ERK1/2 Antibody (SA43-03) [NBP2-67303] - Analysis of HeLa cells with ERK1/2 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



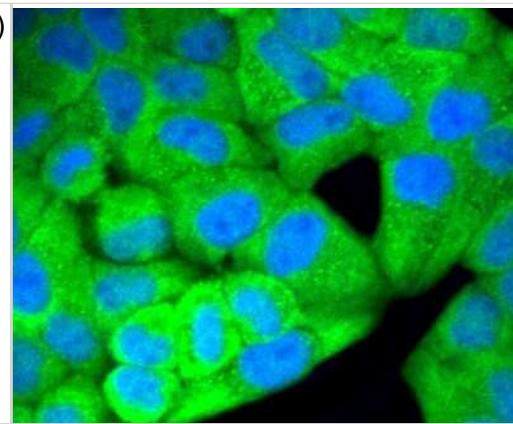
Western Blot: ERK1/2 Antibody (SA43-03) [NBP2-67303] - Analysis of ERK1/2 on hybrid fish (crucian-carp) brain tissue lysate using anti-ERK1/2 antibody at 1/500 dilution.



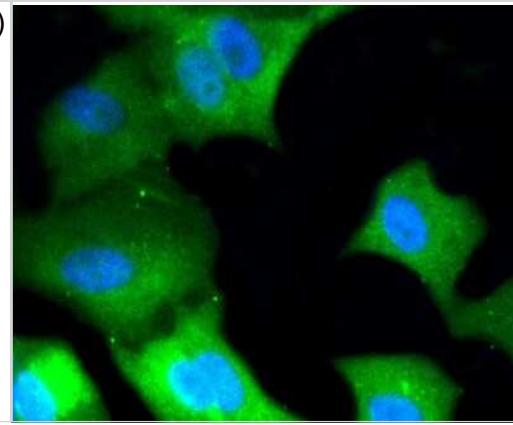
Immunocytochemistry/Immunofluorescence: ERK1/2 Antibody (SA43-03) [NBP2-67303] - Staining ERK1/2 in A549 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: ERK1/2 Antibody (SA43-03) [NBP2-67303] - Staining ERK1/2 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 (SA43-03) [NBP2-67303] - Staining ERK1/2 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.





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Limitations

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