

Product Datasheet

ERK3/MAPK6 Antibody (PSH03-39) NBP3-32567

Unit Size: 100 ul

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

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NBP3-32567

ERK3/MAPK6 Antibody (PSH03-39)

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	PSH03-39
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	83 kDa
Product Description	
Host	Rabbit
Gene ID	5597
Gene Symbol	MAPK6
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within human ERK3/MAPK6 aa 1-350 / 721. (Uniprot: Q16659)
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: ERK3/MAPK6 Antibody (PSH03-39) [NBP3-32567] - Western blot analysis of ERK3/MAPK6 on different lysates with Rabbit anti-ERK3/MAPK6 antibody (NBP3-32567) at 1/2,000 dilution.

Lane 1: HeLa cell lysate
Lane 2: A431 cell lysate
Lane 3: A549 cell lysate
Lane 4: PC-3M cell lysate
Lane 5: C2C12 cell lysate
Lane 6: NIH/3T3 cell lysate
Lane 7: C6 cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 83 kDa
Observed band size: 105 kDa

Exposure time: 5 minutes;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32567) at 1/2,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

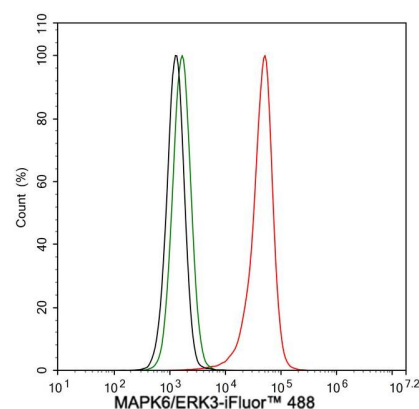
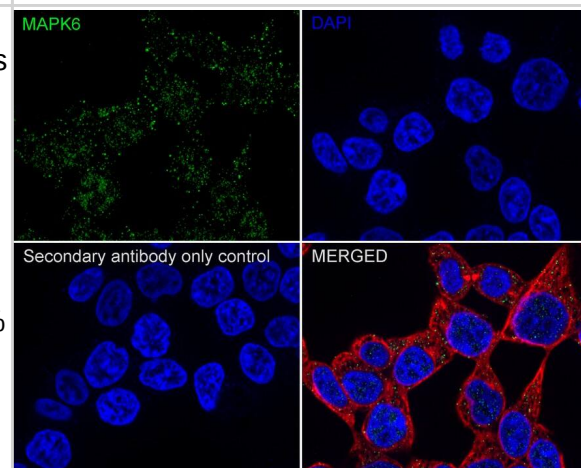
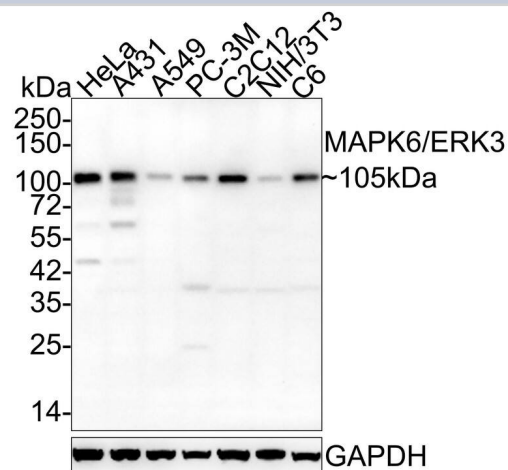
Immunocytochemistry/ Immunofluorescence: ERK3/MAPK6 Antibody (PSH03-39) [NBP3-32567] - Immunocytochemistry analysis of 293T cells labeling ERK3/MAPK6 with Rabbit anti-ERK3/MAPK6 antibody (NBP3-32567) at 1/100 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-ERK3/MAPK6 antibody (NBP3-32567) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.

Flow Cytometry: ERK3/MAPK6 Antibody (PSH03-39) [NBP3-32567] - Flow cytometric analysis of 293T cells labeling ERK3/MAPK6.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32567, 1 µg/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4 °C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32567

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005597-P01-10ug	Recombinant Human ERK3/MAPK6 GST (N-Term) Protein

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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