Product Datasheet

p70 S6 Kinase beta/S6K2 Antibody (JE35-69)
NBP3-32704

Unit Size: 100 ul

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

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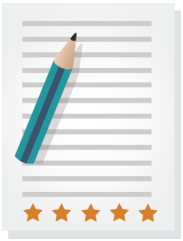


NBP3-32704

p70 S6 Kinase beta/S6K2 Antibody (JE35-69)

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	JE35-69
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	53 kDa

Product Description	
Host	Rabbit
Gene ID	6199
Gene Symbol	RPS6KB2
Species	Human, Mouse
Immunogen	Recombinant protein within Human p70 S6 Kinase beta/S6K2 aa 1-150 / 482. (Uniprot: Q9UBS0)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:1000

Images

Western Blot: p70 S6 Kinase beta/S6K2 Antibody (JE35-69) [NBP3-32704] - Western blot analysis of p70 S6 Kinase beta/S6K2 on different lysates with Rabbit anti-p70 S6 Kinase beta/S6K2 antibody (NBP3-32704) at 1/1,000 dilution.

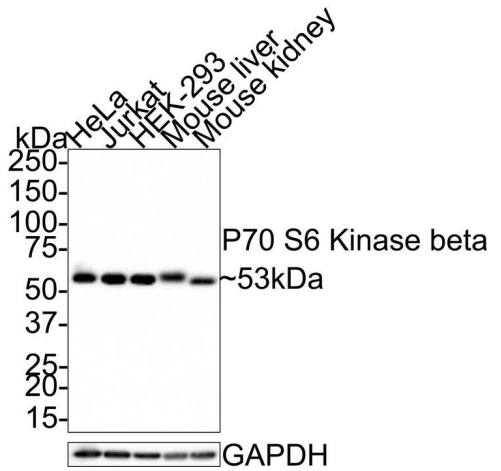
Lane 1: HeLa cell lysate, 20 ug/Lane
Lane 2: Jurkat cell lysate, 20 ug/Lane
Lane 3: HEK-293 cell lysate, 20 ug/Lane
Lane 4: Mouse liver tissue lysate, 40 ug/Lane
Lane 5: Mouse kidney tissue lysate, 40 ug/Lane

Predicted band size: 53 kDa
Observed band size: 53 kDa

Exposure time: 1 minute;

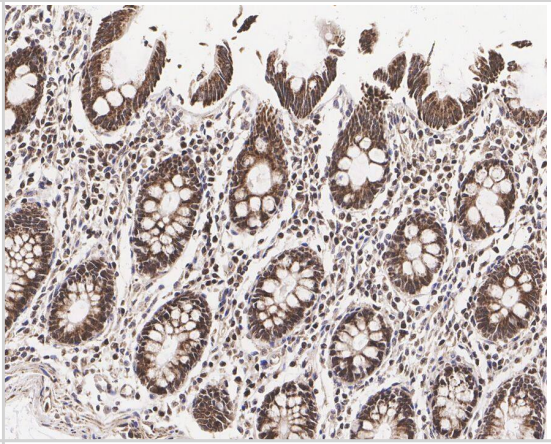
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32704) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:100,000 dilution was used for 1 hour at room temperature.



Immunohistochemistry: p70 S6 Kinase beta/S6K2 Antibody (JE35-69) [NBP3-32704] - Immunohistochemical analysis of paraffin-embedded human colon tissue with Rabbit anti-p70 S6 Kinase beta/S6K2 antibody (NBP3-32704) at 1/1,000 dilution.

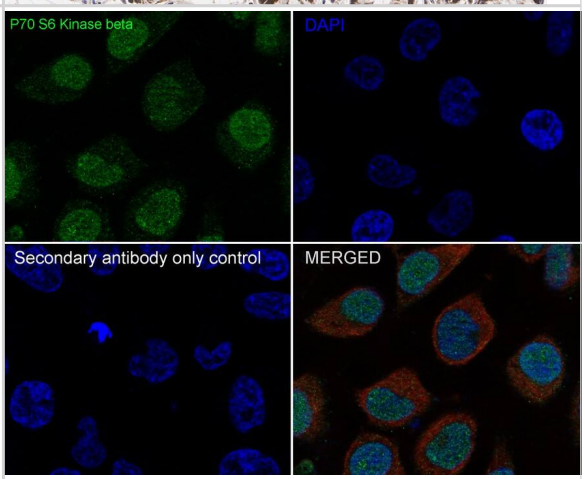
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (NBP3-32704) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunocytochemistry/ Immunofluorescence: p70 S6 Kinase beta/S6K2 Antibody (JE35-69) [NBP3-32704] - Immunocytochemistry analysis of HeLa cells labeling p70 S6 Kinase beta/S6K2 with Rabbit anti-p70 S6 Kinase beta/S6K2 antibody (NBP3-32704) at 1/100 dilution.

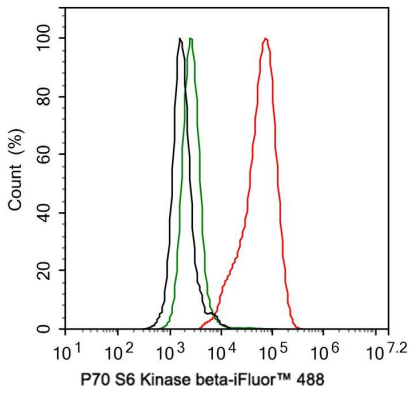
Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 □, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-p70 S6 Kinase beta/S6K2 antibody (NBP3-32704) at 1/100 dilution in 2% negative goat serum overnight at 4 □. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclear DNA was labelled in blue with DAPI.

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



Flow Cytometry: p70 S6 Kinase beta/S6K2 Antibody (JE35-69) [NBP3-32704] - Flow cytometric analysis of MCF7 cells labeling p70 S6 Kinase beta/S6K2.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32704, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4□ 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□. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



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Products Related to NBP3-32704

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00006199-Q01-10ug	Recombinant Human p70 S6 Kinase beta/S6K2 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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