

Product Datasheet

Lunatic Fringe Antibody (JE66-62) NBP3-32530

Unit Size: 100 ul

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

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NBP3-32530

Lunatic Fringe Antibody (JE66-62)

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	JE66-62
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	42 kDa

Product Description	
Host	Rabbit
Gene ID	3955
Gene Symbol	LFNG
Species	Human, Mouse
Immunogen	Synthetic peptide within Human Lunatic Fringe aa 330-379 / 379. (Uniprot: Q8NES3)

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



Images

Western Blot: Lunatic Fringe Antibody (JE66-62) [NBP3-32530] - Western blot analysis of Lunatic Fringe on different lysates with Rabbit anti-Lunatic Fringe antibody (NBP3-32530) at 1/1,000 dilution.

Lane 1: Hela cell lysate (15 ug/Lane)
 Lane 2: K-562 cell lysate (15 ug/Lane)
 Lane 3: HL-60 cell lysate (15 ug/Lane)
 Lane 4: MCF7 cell lysate (15 ug/Lane)
 Lane 5: HT-29 cell lysate (15 ug/Lane)
 Lane 6: C2C12 cell lysate (15 ug/Lane)
 Lane 7: PC-12 cell lysate (15 ug/Lane)
 Lane 8: Mouse testis tissue lysate (30 ug/Lane)

Predicted band size: 42 kDa
 Observed band size: 42 kDa

Exposure time: 7 seconds;

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 (NBP3-32530) 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.

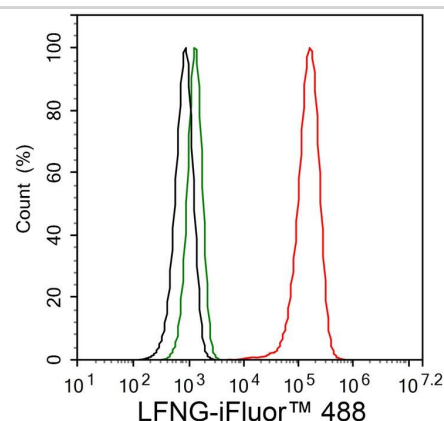
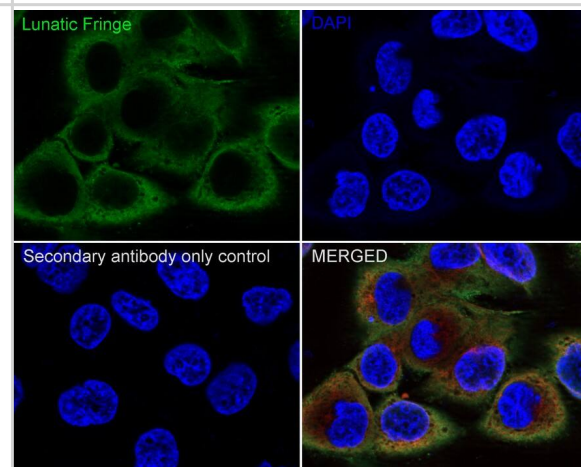
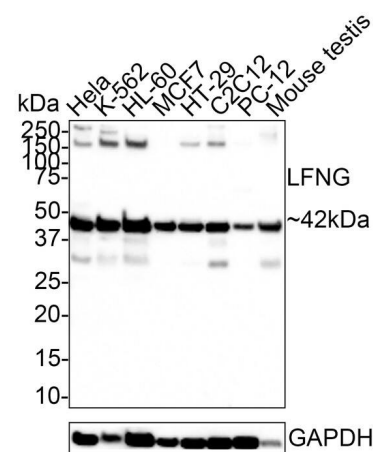
Immunocytochemistry/ Immunofluorescence: Lunatic Fringe Antibody (JE66-62) [NBP3-32530] - Immunocytochemistry analysis of HUVEC cells labeling Lunatic Fringe with Rabbit anti-Lunatic Fringe antibody (NBP3-32530) at 1/500 dilution.

Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 °C, 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-Lunatic Fringe antibody (NBP3-32530) at 1/200 dilution in 2% negative goat serum overnight at 4 °C. 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 1/200 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: Lunatic Fringe Antibody (JE66-62) [NBP3-32530] - Flow cytometric analysis of K-562 cells labeling Lunatic Fringe.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32530, 1ug/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 NBP3-32530

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00003955-P01-10ug	Recombinant Human Lunatic Fringe 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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