

Product Datasheet

LEF1 Antibody (JE52-28) NBP3-32527

Unit Size: 100 ul

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

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Updated 8/7/2025 v.20.1

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NBP3-32527

LEF1 Antibody (JE52-28)

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	JE52-28
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	44 kDa
Product Description	
Host	Rabbit
Gene ID	51176
Gene Symbol	LEF1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human LEF1 aa 121-170 / 399. (Uniprot: Q9UJU2)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:500, Immunohistochemistry-Paraffin 1:500-1:2000



Images

Western Blot: LEF1 Antibody (JE52-28) [NBP3-32527] - Western blot analysis of LEF1 on different lysates with Rabbit anti-LEF1 antibody (NBP3-32527) at 1/2,000 dilution.

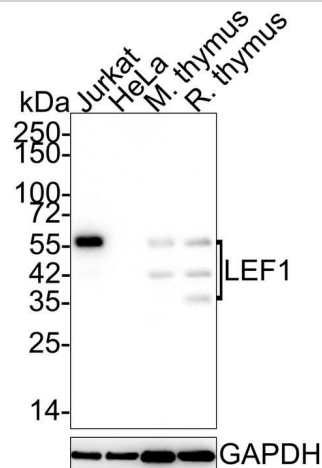
Lane 1: Jurkat cell lysate (20 ug/Lane)
Lane 2: HeLa cell lysate (negative) (20 ug/Lane)
Lane 3: Mouse thymus tissue lysate (40 ug/Lane)
Lane 4: Rat thymus tissue lysate (40 ug/Lane)

Predicted band size: 44 kDa
Observed band size: 35-55 kDa

Exposure time: 3 minutes;

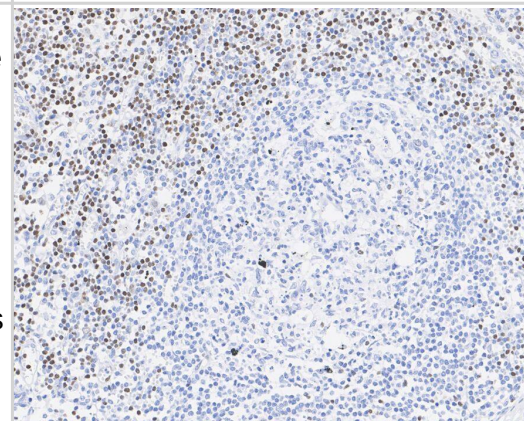
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32527) 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.



Immunohistochemistry: LEF1 Antibody (JE52-28) [NBP3-32527] - Immunohistochemical analysis of paraffin-embedded human lymph node tissue with Rabbit anti-LEF1 antibody (NBP3-32527) at 1/2,000 dilution.

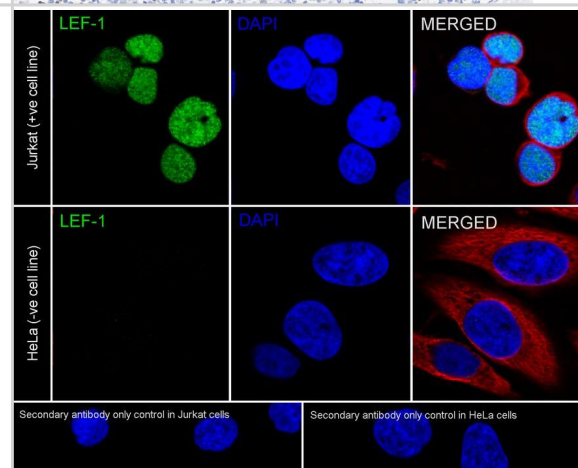
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32527) at 1/2,000 dilution for 1 hour 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: LEF1 Antibody (JE52-28) [NBP3-32527] - Immunocytochemistry analysis of Jurkat (positive) and HeLa (negative) labeling LEF1 with Rabbit anti-LEF1 antibody (NBP3-32527) at 1/500 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-LEF1 antibody (NBP3-32527) at 1/500 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.





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Products Related to NBP3-32527

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00051176-P01-10ug	Recombinant Human LEF1 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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