Product Datasheet

T-bet/TBX21 Antibody (JE60-20)
NBP3-32908

Unit Size: 100 ul

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

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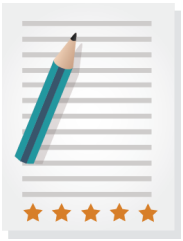
Updated 9/9/2025 v.20.1



NBP3-32908

T-bet/TBX21 Antibody (JE60-20)

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	JE60-20
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	58 kDa

Product Description	
Description	Novus Biologicals Rabbit T-bet/TBX21 Antibody (JE60-20) (NBP3-32908) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	30009
Gene Symbol	TBX21
Species	Human
Immunogen	Synthetic peptide within Human T-bet/TBX21 aa 21-770 / 535. (Uniprot: Q9UL17)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:200

Images

Western Blot: T-bet/TBX21 Antibody (JE60-20) [NBP3-32908] - Western blot analysis of T-bet/TBX21 on different lysates with Rabbit anti-T-bet/TBX21 antibody (NBP3-32908) at 1/1,000 dilution.

Lane 1: NK-92 cell lysate
Lane 2: K-562 cell lysate (negative)
Lane 3: Jurkat cell lysate (negative)

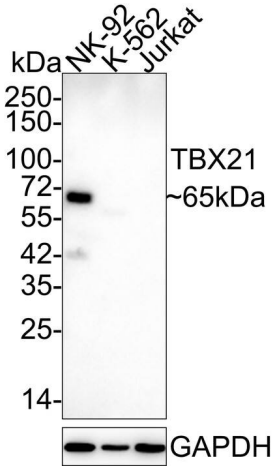
Lysates/proteins at 20 ug/Lane.

Predicted band size: 58 kDa
Observed band size: 65 kDa

Exposure time: 5 minutes;

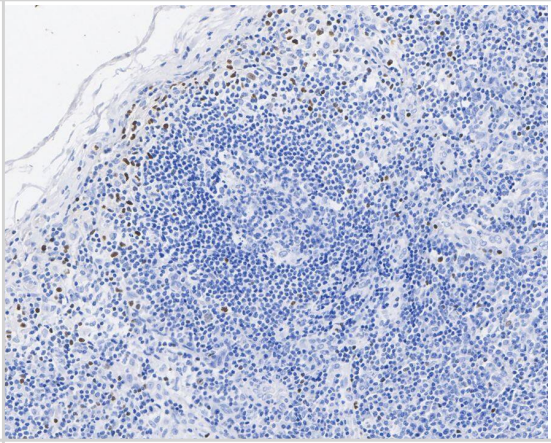
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32908) at 1/1,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



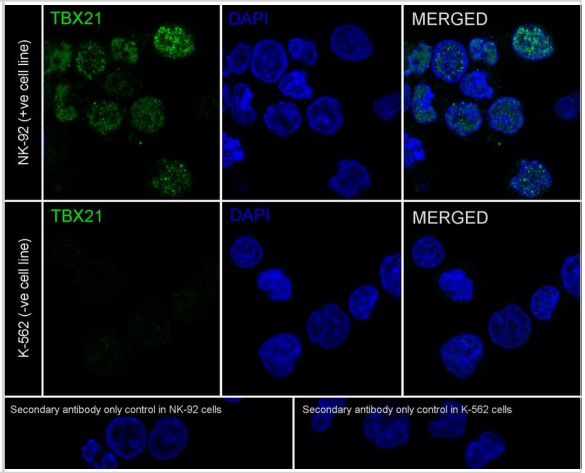
Immunohistochemistry: T-bet/TBX21 Antibody (JE60-20) [NBP3-32908] - Immunohistochemical analysis of paraffin-embedded human hodgkin's lymphoma tissue with Rabbit anti-T-bet/TBX21 antibody (NBP3-32908) at 1/200 dilution.

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 (NBP3-32908) at 1/200 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.



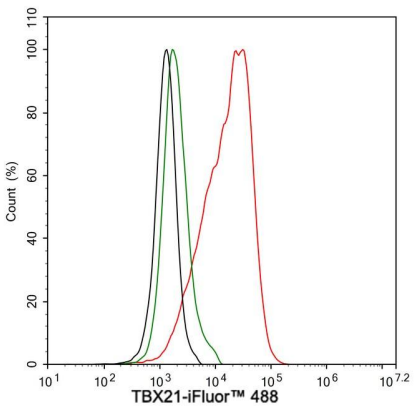
Immunocytochemistry/ Immunofluorescence: T-bet/TBX21 Antibody (JE60-20) [NBP3-32908] - Immunocytochemistry analysis of NK-92 (positive) and K-562 (negative) labeling T-bet/TBX21 with Rabbit anti-T-bet/TBX21 antibody (NBP3-32908) at 1/100 dilution.

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-T-bet/TBX21 antibody (NBP3-32908) at 1/100 dilution in 1% BSA in PBST overnight at 4 □. 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.



Flow Cytometry: T-bet/TBX21 Antibody (JE60-20) [NBP3-32908] - Flow cytometric analysis of NK-92 cells labeling T-bet/TBX21.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32908, 1µg/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 NBP3-32908

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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