Product Datasheet

Nuclear Factor Erythroid Derived 2 Antibody (JE65-92)
NBP3-32646

Unit Size: 100 ul

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

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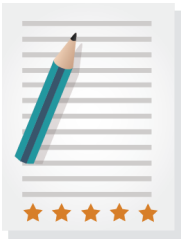


NBP3-32646

Nuclear Factor Erythroid Derived 2 Antibody (JE65-92)

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	JE65-92
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	41 kDa

Product Description	
Description	Novus Biologicals Rabbit Nuclear Factor Erythroid Derived 2 Antibody (JE65-92) (NBP3-32646) 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	4778
Gene Symbol	NFE2
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human Nuclear Factor Erythroid Derived 2 aa 251-350 / 373. (Uniprot: Q16621)

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 1:200-1:1000

Images

Western Blot: Nuclear Factor Erythroid Derived 2 Antibody (JE65-92) [NBP3-32646] - Western blot analysis of Nuclear Factor Erythroid Derived 2 on different lysates with Rabbit anti-Nuclear Factor Erythroid Derived 2 antibody (NBP3-32646) at 1/1,000 dilution.

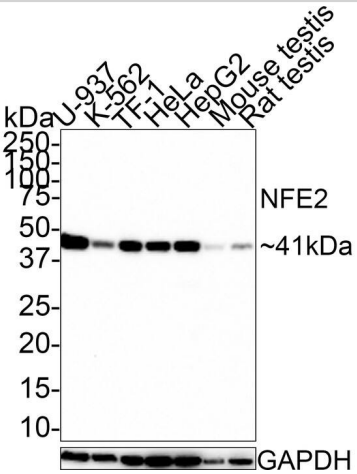
Lane 1: U-937 cell lysate (15 ug/Lane)
Lane 2: K-562 cell lysate (15 ug/Lane)
Lane 3: TF-1 cell lysate (15 ug/Lane)
Lane 4: HeLa cell lysate (15 ug/Lane)
Lane 5: HepG2 cell lysate (15 ug/Lane)
Lane 6: Mouse testis tissue lysate (30ug/Lane)
Lane 7: Rat testis tissue lysate (30ug/Lane)

Predicted band size: 41 kDa
Observed band size: 41 kDa

Exposure time: 1 minute 20 seconds;

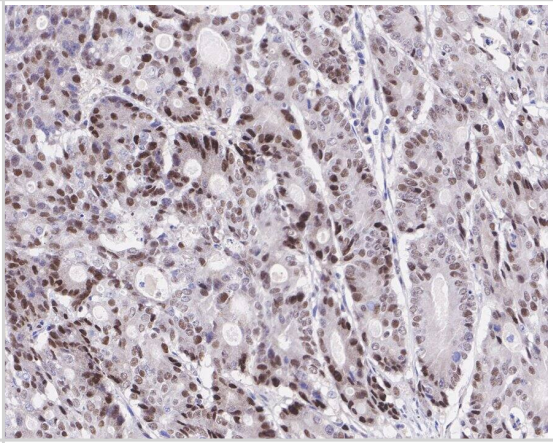
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32646) 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: Nuclear Factor Erythroid Derived 2 Antibody (JE65-92) [NBP3-32646] - Immunohistochemical analysis of paraffin-embedded human colon cancer tissue with Rabbit anti-Nuclear Factor Erythroid Derived 2 antibody (NBP3-32646) at 1/1,000 dilution.

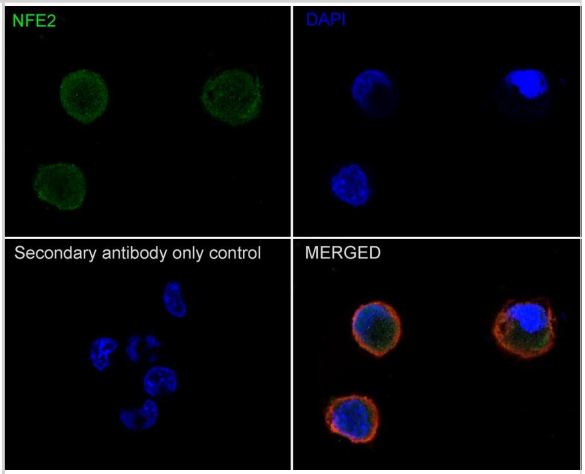
The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (NBP3-32646) at 1/1,000 dilution for 1 hour 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: Nuclear Factor Erythroid Derived 2 Antibody (JE65-92) [NBP3-32646] - Immunocytochemistry analysis of K-562 cells labeling Nuclear Factor Erythroid Derived 2 with Rabbit anti-Nuclear Factor Erythroid Derived 2 antibody (NBP3-32646) at 1/100 dilution.

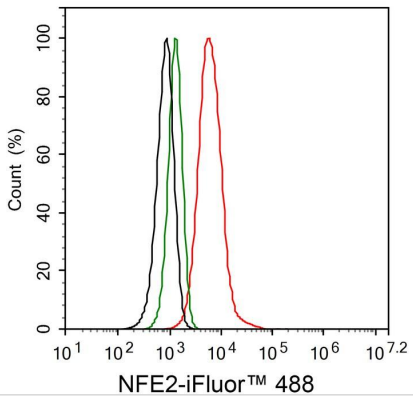
Cells were fixed in 4% paraformaldehyde for 10 minutes at 37 □, permeabilized with 0.05% Triton X-100 in PBS for 20 minutes, and then blocked with 2% negative goat serum for 30 minutes at room temperature. Cells were then incubated with Rabbit anti-Nuclear Factor Erythroid Derived 2 antibody (NBP3-32646) 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 1/200 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: Nuclear Factor Erythroid Derived 2 Antibody (JE65-92) [NBP3-32646] - Flow cytometric analysis of K-562 cells labeling Nuclear Factor Erythroid Derived 2.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32646, 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 NBP3-32646

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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