

Product Datasheet

IL-13R alpha 2 Antibody (PSH03-85) NBP3-32466

Unit Size: 100 ul

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

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NBP3-32466

IL-13R alpha 2 Antibody (PSH03-85)

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	PSH03-85
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	44 kDa

Product Description	
Description	Novus Biologicals Rabbit IL-13R alpha 2 Antibody (PSH03-85) (NBP3-32466) 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	3598
Gene Symbol	IL13RA2
Species	Human
Immunogen	Recombinant protein within human IL-13R alpha 2 aa 1-350 / 380. (Uniprot: Q14627)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:1000



Images

Western Blot: IL-13R alpha 2 Antibody (PSH03-85) [NBP3-32466] - Western blot analysis of IL-13R alpha 2 on different lysates with Rabbit anti-IL-13R alpha 2 antibody (NBP3-32466) at 1/2,000 dilution.

Lane 1: A375 cell lysate (no heat)
Lane 2: U-937 cell lysate (no heat) (negative)
Lane 3: Daudi cell lysate (negative)

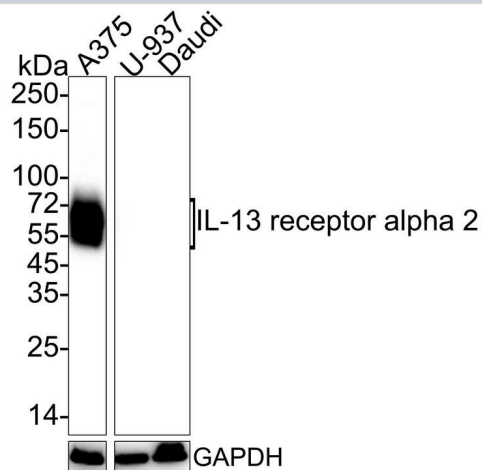
Lysates/proteins at 20 ug/Lane.

Predicted band size: 44 kDa
Observed band size: 50-80 kDa

Exposure time: 25 seconds;

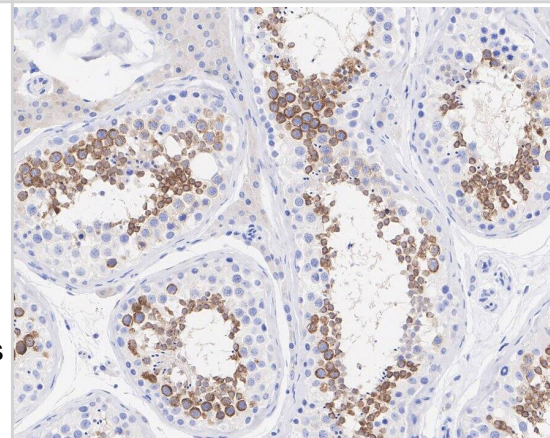
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32466) 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.



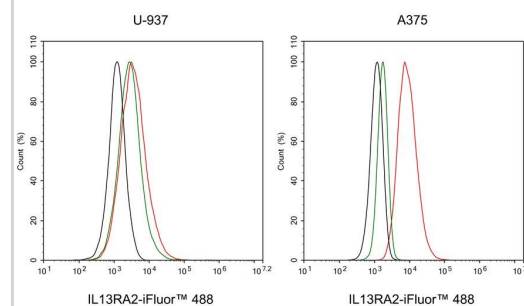
Immunohistochemistry: IL-13R alpha 2 Antibody (PSH03-85) [NBP3-32466] - Immunohistochemical analysis of paraffin-embedded human testis tissue with Rabbit anti-IL-13R alpha 2 antibody (NBP3-32466) at 1/1,000 dilution.

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 (NBP3-32466) 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.



Flow Cytometry: IL-13R alpha 2 Antibody (PSH03-85) [NBP3-32466] - Flow cytometric analysis of A375 (positive) and U-937 (negative) cells labeling IL-13R alpha 2.

Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (NBP3-32466, 1 µg/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 NBP3-32466

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

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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