

# 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)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	PSH03-85
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	44 kDa

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	3598
<b>Gene Symbol</b>	IL13RA2
<b>Species</b>	Human
<b>Immunogen</b>	Recombinant protein within human IL-13R alpha 2 aa 1-350 / 380. (Uniprot: Q14627)

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	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)

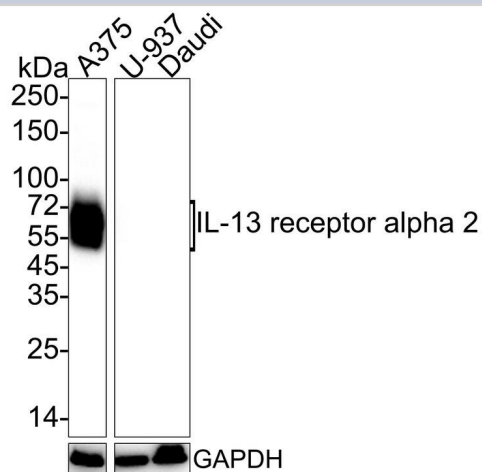
Lysates/proteins at 20 ug/Lane.

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

Exposure time: 25 seconds;

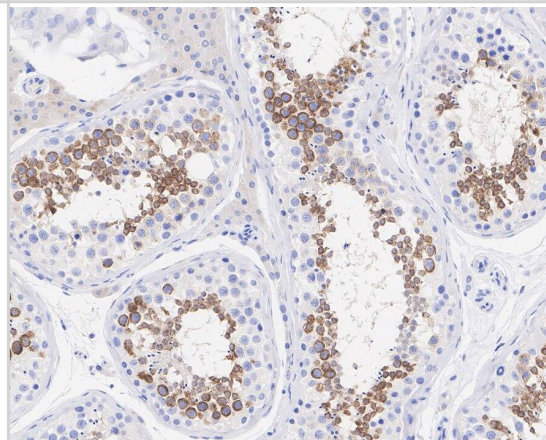
4-20% SDS-PAGE gel.

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.



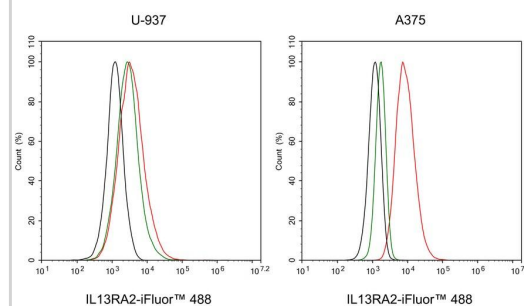
**Immunohistochemistry: IL-13R alpha 2 Antibody (PSH03-85) [NBP3-32466]** - Immunohistochemical analysis of paraffin-embedded human testis tissue with Rabbit anti-IL-13R alpha 2 antibody (NBP3-32466) at 1/1,000 dilution.

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 ddH<sub>2</sub>O 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**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-23147	Recombinant Human IL-13R alpha 2 His Protein

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### **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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