

# Product Datasheet

## CD25/IL-2R alpha Antibody (1B5D12) - BSA Free NBP2-37349

Unit Size: 0.1 ml

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

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**NBP2-37349**

CD25/IL-2R alpha Antibody (1B5D12) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<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>	1B5D12
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	30.8 kDa

**Product Description**

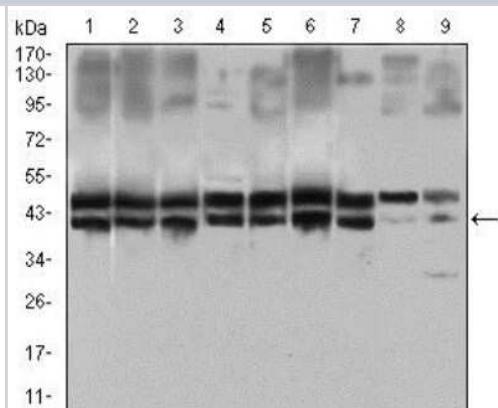
<b>Description</b>	Novus Biologicals Mouse CD25/IL-2R alpha Antibody (1B5D12) - BSA Free (NBP2-37349) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-CD25/IL-2R alpha Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3559
<b>Gene Symbol</b>	IL2RA
<b>Species</b>	Human, Mouse, Rat, Monkey, Primate
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Purified recombinant fragment of human CD25/IL-2R alpha (AA: 34-139) expressed in E. Coli.

**Product Application Details**

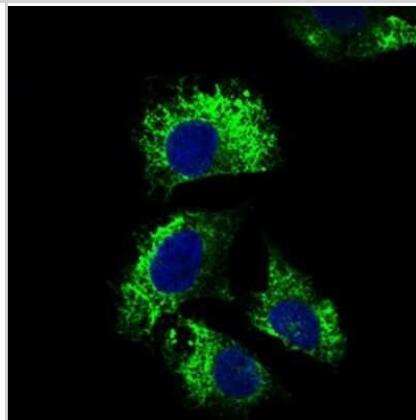
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500 - 1:2000, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

## Images

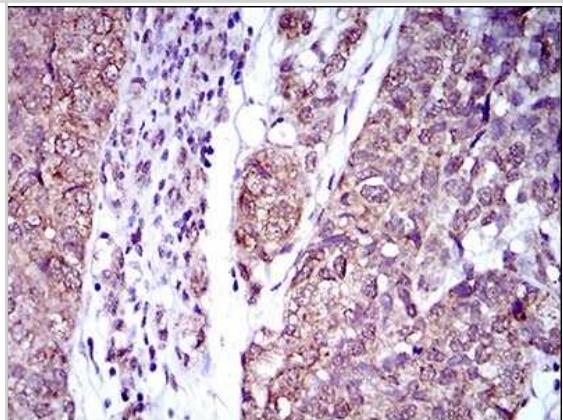
Western Blot: CD25/IL-2R alpha Antibody (1B5D12) [NBP2-37349] - Analysis using IL2RA mouse mAb against Hela (1), MOLT4 (2), HEK293 (3), A549 (4), Jurkat (5), K562 (6), Cos7 (7), PC-12 (8) and NIH/3T3 (9) cell lysate.



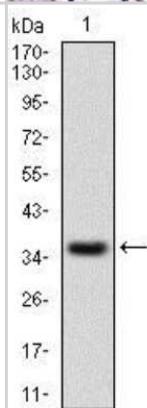
Immunocytochemistry/Immunofluorescence: CD25/IL-2R alpha Antibody (1B5D12) [NBP2-37349] - Analysis of Hela cells using IL2RA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



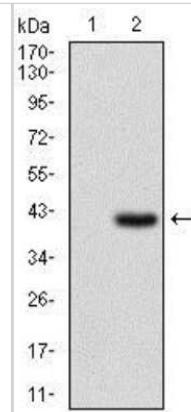
Immunohistochemistry-Paraffin: CD25/IL-2R alpha Antibody (1B5D12) [NBP2-37349] - Analysis of bladder cancer tissues using IL2RA mouse mAb with DAB staining.



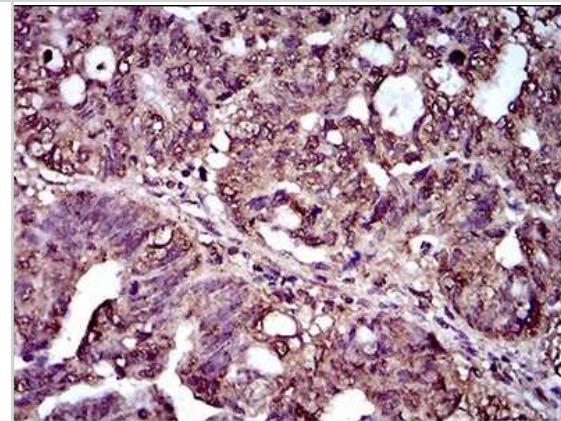
Western Blot: CD25/IL-2R alpha Antibody (1B5D12) [NBP2-37349] - Analysis using IL2RA mAb against human IL2RA recombinant protein. (Expected MW is 37.5 kDa)



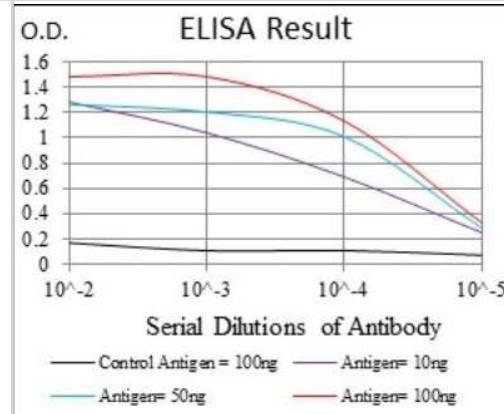
Western Blot: CD25/IL-2R alpha Antibody (1B5D12) [NBP2-37349] - Analysis using IL2RA mAb against HEK293 (1) and IL2RA (AA: 34-139)-hIgGFc transfected HEK293 (2) cell lysate.



Immunohistochemistry-Paraffin: CD25/IL-2R alpha Antibody (1B5D12) [NBP2-37349] - Analysis of rectum cancer tissues using IL2RA mouse mAb with DAB staining.



ELISA: CD25/IL-2R alpha Antibody (1B5D12) [NBP2-37349] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Wilson AL, Moffitt LR, Doran BR, Basri B et Al. Leader cells promote immunosuppression to drive ovarian cancer progression in vivo Cell Rep 2024-11-14 [PMID: 39541210]



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## Products Related to NBP2-37349

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-38730PEP	CD25/IL-2R alpha Recombinant Protein Antigen

## 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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