

# Product Datasheet

## IFN-alpha/beta R1 Antibody (A5-A3) NBP2-75534

Unit Size: 100 ul

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

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**NBP2-75534****IFN-alpha/beta R1 Antibody (A5-A3)**

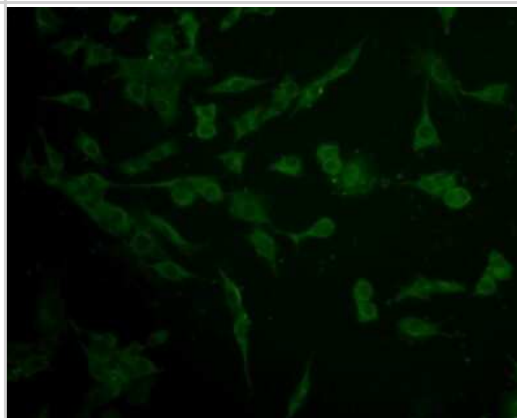
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	2 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	A5-A3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH7.4), 0.2% BSA, 50% Glycerol
<b>Target Molecular Weight</b>	56 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse IFN-alpha/beta R1 Antibody (A5-A3) (NBP2-75534) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-IFN-alpha/beta R1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3454
<b>Gene Symbol</b>	IFNAR1
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	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. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
<b>Immunogen</b>	Recombinant protein within human IFN-alpha/beta R1 aa 28-127 (Extracellular). (SwissProt: P17181 Human; SwissProt: P33896 Mouse)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

## Images

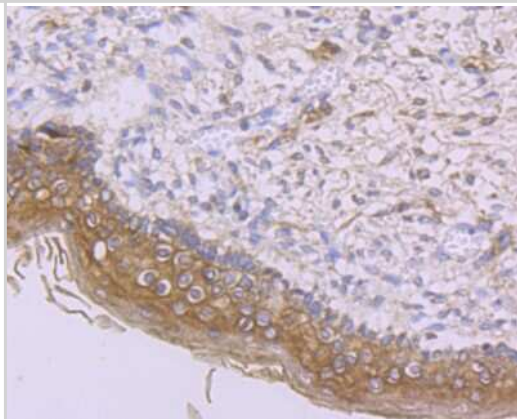
Western Blot: IFN-alpha/beta R1 Antibody (A5-A3) [NBP2-75534] - Analysis of IFNAR1 on different lysates using anti- IFNAR1 antibody at 1/500 dilution. Positive control: Lane 1: K562 Lane 1: A431 Lane 1: Siha Lane 1: Mouse brain tissue.



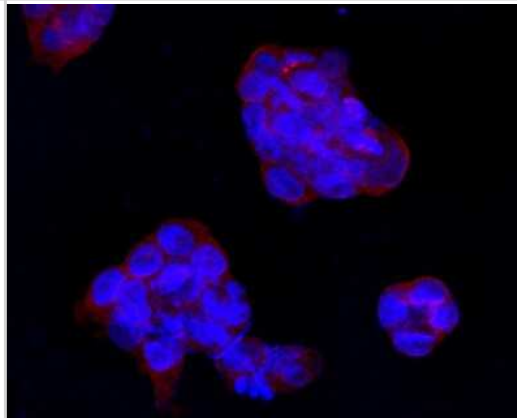
Immunocytochemistry/Immunofluorescence: IFN-alpha/beta R1 Antibody (A5-A3) [NBP2-75534] - Staining IFNAR1(green) in SHG-44 cells. Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



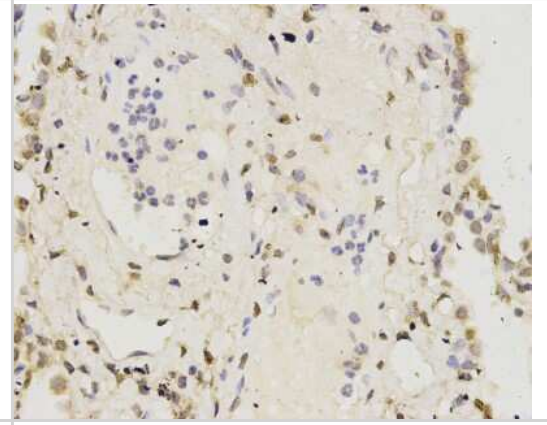
Immunohistochemistry-Paraffin: IFN-alpha/beta R1 Antibody (A5-A3) [NBP2-75534] - Analysis of paraffin-embedded human skin tissue using anti- IFNAR1 antibody. Counter stained with hematoxylin.



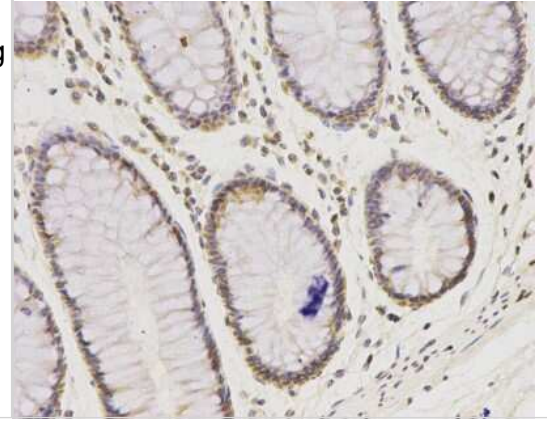
Immunocytochemistry/Immunofluorescence: IFN-alpha/beta R1 Antibody (A5-A3) [NBP2-75534] - Staining IFNAR1(red) in NCCIT cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: IFN-alpha/beta R1 Antibody (A5-A3) [NBP2-75534] - Analysis of paraffin-embedded human lung tissue using anti- IFNAR1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: IFN-alpha/beta R1 Antibody (A5-A3) [NBP2-75534] - Analysis of paraffin-embedded human colon tissue using anti- IFNAR1 antibody. Counter stained with hematoxylin.



## Publications

Jana A, Wang X, Leasure JW et al. Increased Type I interferon signaling and brain endothelial barrier dysfunction in an experimental model of Alzheimer's disease Scientific reports 2022-10-01 [PMID: 36182964] (IHC-Fr, Mouse)



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### **Products Related to NBP2-75534**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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