

# 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.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-75534](http://www.novusbio.com/NBP2-75534)

Updated 10/23/2024 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-75534](http://www.novusbio.com/reviews/destination/NBP2-75534)



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

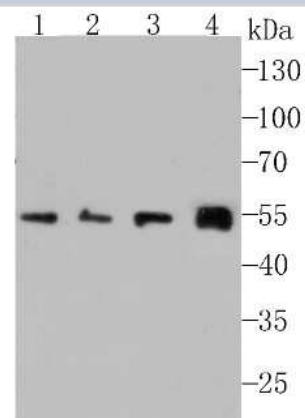
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	2 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	A5-A3
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	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>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)

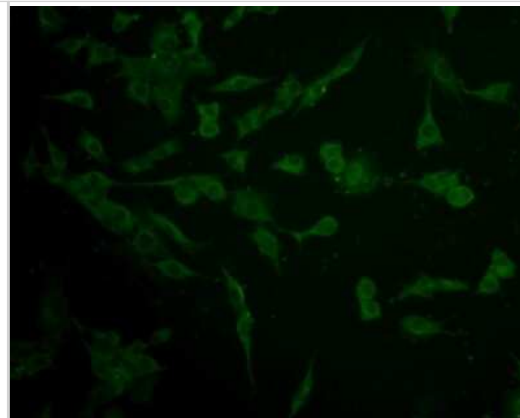
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

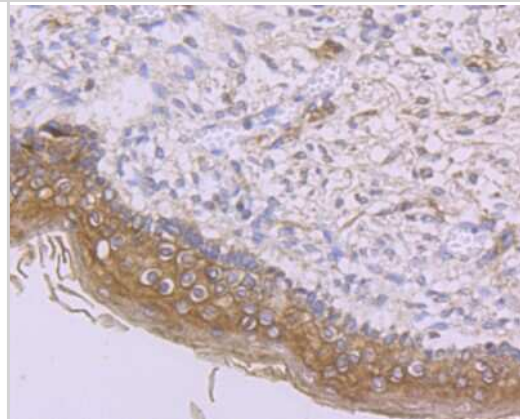
Western Blot: IFN-alpha/beta R1 Antibody (A5-A3) [NBP2-75534] - Analysis of IFNAR1 on different lysates using anti- IFNAR1 antibody at 1/500 dilution. Positive control: Lane 1: K562 Lane 1: A431 Lane 1: Siha Lane 1: Mouse brain tissue.



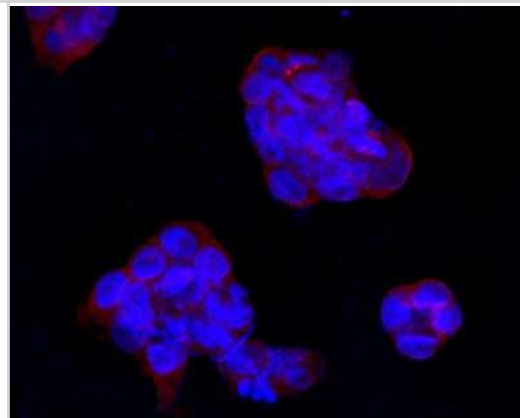
Immunocytochemistry/Immunofluorescence: IFN-alpha/beta R1 Antibody (A5-A3) [NBP2-75534] - Staining IFNAR1 (green) in SHG-44 cells. Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



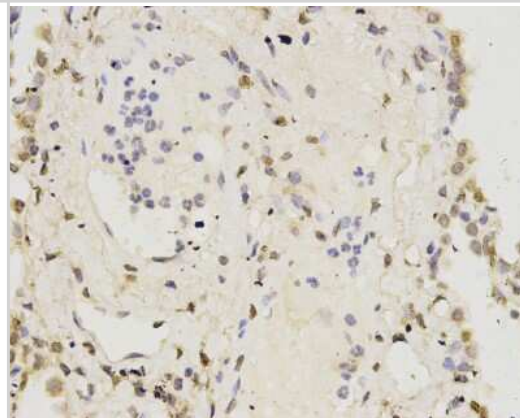
Immunohistochemistry-Paraffin: IFN-alpha/beta R1 Antibody (A5-A3) [NBP2-75534] - Analysis of paraffin-embedded human skin tissue using anti- IFNAR1 antibody. Counter stained with hematoxylin.



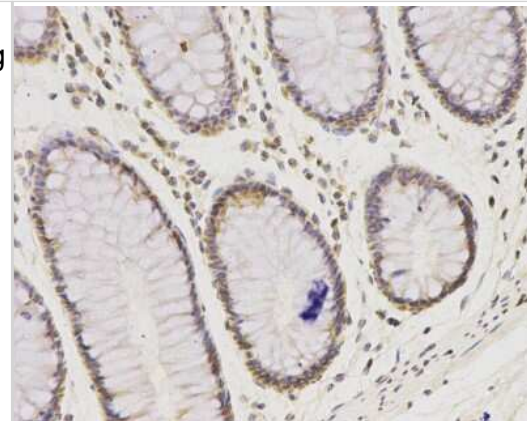
Immunocytochemistry/Immunofluorescence: IFN-alpha/beta R1 Antibody (A5-A3) [NBP2-75534] - Staining IFNAR1 (red) in NCCIT cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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)



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

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

---

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)
NBP2-77487-0.05mg	Recombinant Human IFN-alpha/beta R1 His Protein

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-75534](http://www.novusbio.com/reviews/submit/NBP2-75534)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

