

IFN beta Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse
Published Species	Mouse, Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A 17 amino acid peptide from near the center of human IFN-b.
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	4° C
RRID	AB_11155641

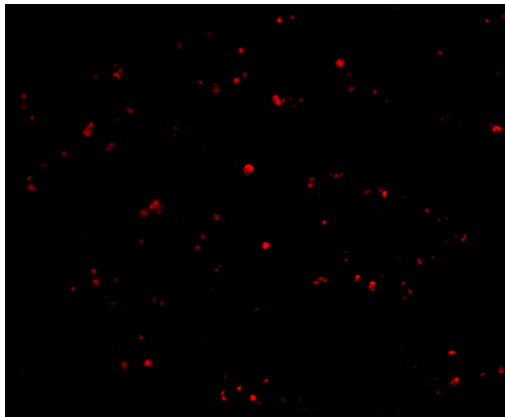
Applications	Tested Dilution	Publications
Western Blot (WB)	5 µg/mL	2 Publications
Immunohistochemistry (IHC)	-	7 Publications
Immunohistochemistry (Frozen) (IHC (F))	-	1 Publication
Immunocytochemistry (ICC/IF)	20 µg/mL	1 Publication
Flow Cytometry (Flow)	-	1 Publication
ELISA (ELISA)	-	2 Publications
Miscellaneous PubMed (Misc)	-	2 Publications

Product Specific Information

A suggested positive control is A-20 cell lysate.

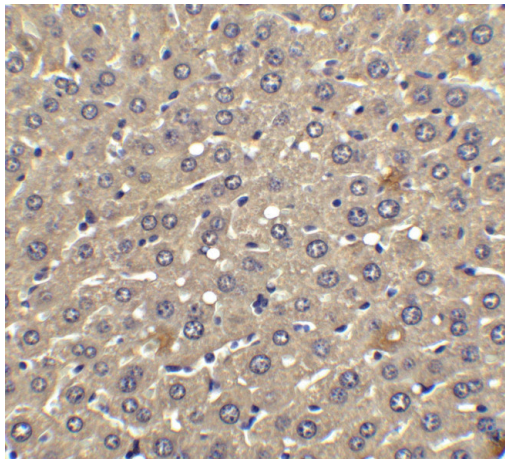
PA5-20390 can be used with blocking peptide PEP-0507.

Product Images For IFN beta Polyclonal Antibody



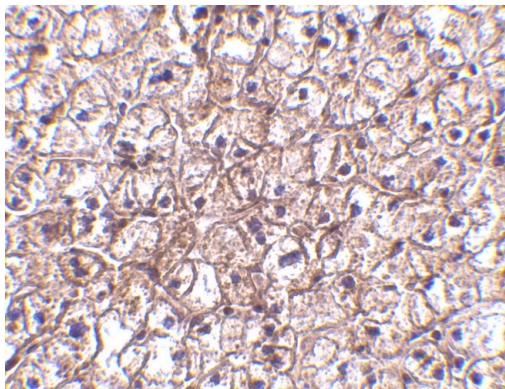
IFN beta Antibody (PA5-20390) in ICC/IF

Immunofluorescent analysis of 4% paraformaldehyde-fixed human liver cells labeling IFN-beta with IFN beta Polyclonal Antibody (Product # PA5-20390) at 20 µg/mL, followed by goat anti-rabbit IgG secondary antibody at 1:500 dilution (red).



IFN beta Antibody (PA5-20390) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human liver tissue using IFN beta Polyclonal Antibody (Product # PA5-20390) at 2.5 µg/mL. Tissue was fixed with formaldehyde and blocked with 0.1 serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.



IFN beta Antibody (PA5-20390) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human liver tissue using IFN beta Polyclonal Antibody (Product # PA5-20390) at 5 µg/mL. Tissue was fixed with formaldehyde and blocked with 0.1 serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin.

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Western Blot (2)

<p>Journal of cellular and molecular medicine</p> <p>1,25(OH)₂ D₃ blocks IFN production through regulating STING in epithelial layer of oral lichen planus.</p> <p>"PA5-20390 was used in Western Blotting to find 1,25(OH)₂ D₃ regulates STING and IFN through a mechanism controlled by the hypoxia-inducible factor-1 (HIF-1)-GATA1 axis."</p> <p>Authors: Ge X,Wang Y,Xie H,Li R,Zhang F,Zhao B,Du J</p>	<p>Year 2022</p> <p>Species Human</p>
<p>PloS one</p> <p>Klotho deficiency intensifies hypoxia-induced expression of IFN-/ through upregulation of RIG-I in kidneys.</p> <p>"Published figure using IFN beta polyclonal antibody (Product # PA5-20390) in ELISA"</p> <p>Authors: Urabe A,Doi S,Nakashima A,Ike T,Morii K,Sasaki K,Doi T,Arihiro K,Masaki T</p>	<p>Year 2021</p>

Immunohistochemistry (7)

<p>Frontiers in pharmacology</p> <p>Crosstalk between TBK1/IKK and the type I interferon pathway contributes to tubulointerstitial inflammation and kidney tubular injury.</p> <p>"PA5-20390 was used in Immunohistochemistry to tl-IFNs, TWEAK, and LPS engage interrelated proinflammatory and antiviral responses in tubular cells. Moreover, inhibition of TBK1/IKK with amlexanox, and IFNAR targeting, may protect from tubulointerstitial kidney injury."</p> <p>Authors: Córdoba-David G,García-Giménez J,Cardoso Castelo-Branco R,Carrasco S,Cannata P,Ortiz A,Ramos AM</p>	<p>Year 2022</p> <p>Species Mouse</p> <p>Dilution 1:400</p>
<p>Cell reports</p> <p>IFI16 inhibits DNA repair that potentiates type-I interferon-induced antitumor effects in triple negative breast cancer.</p> <p>"PA5-20390 was used in Immunohistochemistry to suggest that type-I IFNs and IFI16 could offer potential therapeutic strategies for TNBC."</p> <p>Authors: Ka NL,Lim GY,Hwang S,Kim SS,Lee MO</p>	<p>Year 2021</p> <p>Species Mouse</p>

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More applications with references on thermofisher.com

- IHC (F) (1)
- ICC/IF (1)
- Flow (1)
- ELISA (2)
- Misc (2)

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