

Anti-Human IFN- β Antibody
Catalog # **ABG10161****Specification**

Anti-Human IFN- β Antibody - Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Anti-Human IFN- β Antibody - Additional Information**Preparation**

Produced from sera of rabbits pre-immunized with highly pure recombinant Human IFN- β . Anti-Human IFN- β specific antibody was purified by affinity chromatography employing immobilized Human IFN- β matrix.

WesternBlot

To detect Human IFN- β by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 $\mu\text{g/ml}$. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human IFN- β is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect Human IFN- β by sandwich ELISA (using 100 μl /well antibody solution) a concentration of 0.5 - 2.0 $\mu\text{g/ml}$ of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems's Biotinylated Anti-Human IFN- β (60-181BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human IFN- β .

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human normal placenta. The recommended concentration is 0.75 $\mu\text{g/ml}$ with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium

citrate buffer is recommended. Optimal concentrations and conditions may vary.

 Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.

Neutralization

To yield one-half maximal inhibition [**ND**

 ₅₀] of the biological activity of Human IFN- β (5.00 μ g/ml), a concentration of 2.5 μ g/ml of this antibody is required.

Formulation

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Storage

-20°C

Precautions

Anti-Human IFN- β Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human IFN- β Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)