

Anti-Human IFN- β Antibody

Catalog # ABG10161

Product Information

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

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 μ 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 μ l/well antibody solution) a concentration of 0.5 - 2.0 μ 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 μ 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.