

ifnb1

Rabbit Anti-Rat IFN-beta pAb

Catalog No.	CP2019	Quantity:	0.5 mg
Alternate Names:	IFB, IFF, IFNB, interferon beta, IFN-beta, fibroblast interferon		
Description:	Rabbit Anti-Rat Interferon Beta, Protein A purified, neutralizing.		
Concentration:	1 mg/ml after reconstitution with 0.5 ml of sterile distilled water. Centrifuge the vial prior to opening.		
Gene ID:	24481		
Host:	CHO		
Immunogen:	Recombinant rat interferon beta derived from Chinese hamster ovary (CHO) cells.		
Formulation:	Lyophilized. Prior to lyophilization: 0.5 ml phosphate buffered saline (PBS) + 125 mM trehalose.		
Purification:	Antibodies were sequentially purified by ammonium sulfate precipitation, Protein A-affinity chromatography.		
Storage & Stability:	After receipt, this product should be kept at 2-8°C or below for retention of full activity. Once reconstituted, the material should be apportioned into separate tubes, so that freezing and thawing is kept to a minimum, and stored at -20°C or below for retention of full activity.		
Bioactivity:	1 x 10 ⁴ neutralizing units/mg. Assay Used to Measure Bioactivity: One neutralization unit is the amount of antiserum required to neutralize one unit of recombinant rat interferon beta (rat IFN-b) to a 50% endpoint (one unit corresponds to approximately 15 pg of purified rat IFN-b). Interferon was titrated with the use of a cytopathic effect inhibition assay. In this antiviral assay for interferon about 1 unit/ml of interferon is the quantity necessary to produce a cytopathic effect of 50%. As there is no international rat IFN-b standard, the units are determined with respect to the international reference standard for mouse interferon beta (IFN- β). This material is prepared specifically for effective neutralization of rat IFN-b.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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