

IFN beta Polyclonal Antibody

Product Details

Size	2x10 ⁴ units
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant human interferon beta
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	PBS, whole serum
Contains	no preservative
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_223450

Applications	Tested Dilution	Publications
Neutralization (Neu)	Assay-dependent	-
Blocking Assay (BLOCK)	-	1 Publication

Product Specific Information

Specificity: Neutralizes human interferon beta.

Activity: 2.8x10⁵ NU/mL. Interferon was titrated with the use of the cytopathic effect inhibition assay using A549 cells with EMCV, where 1 unit/mL of interferon was necessary to produce an endpoint of 50%. One neutralization unit is defined as the amount of serum required to neutralize one unit of human IFN beta to an endpoint of 50%.

Store at -20°C for short-term use (less than 6 months). For long-term storage, aliquot and store at -70°C or below for retention of full activity. Refreezing should be done on dry ice or in a dry ice/alcohol bath. Further dilution of the product should be in buffers containing protein such as 0.1% BSA.

Packaged by and distributed for PBL Assay Science.

Blocking Assay (1)

Journal of virology

Replication of Human Norovirus RNA in Mammalian Cells Reveals Lack of Interferon Response.

"314101 was used in blocking or activating experiment to assess the effect of the IFN response on human noroviruses"

Authors: Qu L,Murakami K,Broughman JR,Lay MK,Guix S,Tenge VR,Atmar RL,Estes MK

Year
2016

Species
Human

Dilution
1:4000

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