

IFN beta Polyclonal Antibody

Product Details

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|--------------------|-----------------------------------|
| 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)

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| Journal of virology | Year 2016 |
| Replication of Human Norovirus RNA in Mammalian Cells Reveals Lack of Interferon Response. | Species Human |
| "314101 was used in blocking or activating experiment to assess the effect of the IFN response on human noroviruses" | Dilution 1:4000 |
| Authors: Qu L,Murakami K,Broughman JR,Lay MK,Guix S,Tenge VR,Atmar RL,Estes MK | |

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