

For Research Use Only

PerCP Anti-Mouse IFN-beta Rabbit Recombinant Antibody

Catalog Number: CP-98082



Basic Information

Catalog Number:

CP-98082

Concentration:

100ug, 200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0660

GenBank Accession Number:

NM_010510.1

GeneID (NCBI):

15977

UNIPROT ID:

P01575

Full Name:

interferon beta 1, fibroblast

Calculated MW:

22KD

Purification Method:

Protein A purification

CloneNo.:

240230B6

Excitation/Emission maxima wavelengths:

482 nm / 677 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

mouse

Background Information

Interferon-beta (IFN- β) is a type I interferon, which is a group of signaling proteins made and released by host cells in response to the presence of several viruses, including double-stranded RNA produced by many viruses. IFN- β is a single protein species and is molecularly related to IFN- α subtypes, although it is antigenically distinct from them. It is mainly produced by fibroblasts and plays a crucial role in the innate immune response against viruses. IFN- β can inhibit viral replication by interfering with the virus's RNA or DNA, thus suppressing viral growth. It also enhances the cytotoxic activity of natural killer (NK) cells and promotes the expression of major histocompatibility complex (MHC) class I molecules.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

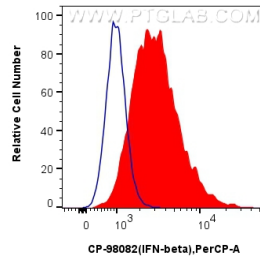
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ C57BL/6 mouse splenocytes were intracellularly stained with 0.25 ug PerCP Anti-Mouse IFN-beta Rabbit RecAb (CP-98082, Clone:240230B6)(red) or unstained (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).