
IFN-beta (Rodent) Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251290

Unit: 0.1 mg

Description:

Interferons (IFNs) are proteins made and released by host cells in response to the presence of pathogens such as viruses, bacteria, or parasites or tumor cells. They allow communication between cells to trigger the protective defenses of the immune system that eradicate pathogens or tumors. IFNs belong to the large class of glycoproteins known as cytokines. Interferons are named after their ability to "interfere" with viral replication within host cells. IFNs have other functions: they activate immune cells, such as natural killer cells and macrophages; they increase recognition of infection or tumor cells by up-regulating antigen presentation to T lymphocytes. Recombinant interferon-beta (IFN-beta) is medically used to treat multiple sclerosis (MS), most likely achieving its beneficial effect by reducing inflammation.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: M, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Interferon beta; IFN-beta; Ifnb1

Accession No.: P01575

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of mouse IFN-beta.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.