

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

IFNB1 RABBIT PAB

Cat.#: S218708

Product Name: Anti-IFNB1 Rabbit Polyclonal Antibody

Synonyms: IFB; IFF; IFNB; IFN-beta

UNIPROT ID: P01574

Background: This gene encodes a cytokine that belongs to the interferon family of signaling proteins, which are released as part of the innate immune response to pathogens. The protein encoded by this gene belongs to the type I class of interferons, which are important for defense against viral infections. In addition, type I interferons are involved in cell differentiation and anti-tumor defenses. Following secretion in response to a pathogen, type I interferons bind a homologous receptor complex and induce transcription of genes such as those encoding inflammatory cytokines and chemokines. Overactivation of type I interferon secretion is linked to autoimmune diseases. Mice deficient for this gene display several phenotypes including defects in B cell maturation and increased susceptibility to viral infection.

Immunogen: Fusion protein of human IFNB1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer, Immunology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 218708(IFNB1 Antibody) at a dilution of 1/50(Cytoplasm).



The image on the left is immunohistochemistry of paraffinembedded Human gastric cancer tissue using 218708(Anti-IFNB1 Antibody) at a dilution protein and then with D225035(Anti-IFNB1 of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the fusion protein and then with 218708(Anti-IFNB) . Antibody) at dilution 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with fusion Antibody) at dilution 1/50.