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12-90460: Anti-IFNB1 antibody(4A7), Rabbit mAb

Clonality :	Monoclonal
Clone Name :	4A7
Application :	ELISA
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	IFNB1
Uniprot ID :	P01574
Alternative Name :	IFB;IFF;IFN-beta;IFNB
Isotype :	Rabbit IgG

Description

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. [provided by RefSeq, Sep 2015]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

ELISA 1/5000-10000

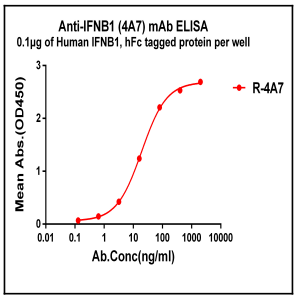


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human IFNB1 Protein can bind Rabbit anti-IFNB1 monoclonal antibody(clone: 4A7) in a linear range of 5-100 ng/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.