Cat. No. DME101180



## **PRODUCT INFORMATION**

Clone ID 4A7 IFNB1 **Target** 

**Synonyms** IFB;IFF;IFN-beta;IFNB

**Host Species** Rabbit

Description Anti-IFNB1 antibody(4A7), Rabbit mAb

**Delivery** In Stock **Uniprot ID** P01574 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human **Applications ELISA** 

Recommended

**Background** 

ELISA 1/5000-10000 **Dilutions** 

Purified from cell culture supernatant by affinity Purification

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

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

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increased susceptibility to viral infection. [provided by RefSeq, Sep 2015]

Usage Research use only Conjugate Unconjugated





## Anti-IFNB1 (4A7) mAb ELISA 0.1µg of Human IFNB1, hFc tagged protein per well

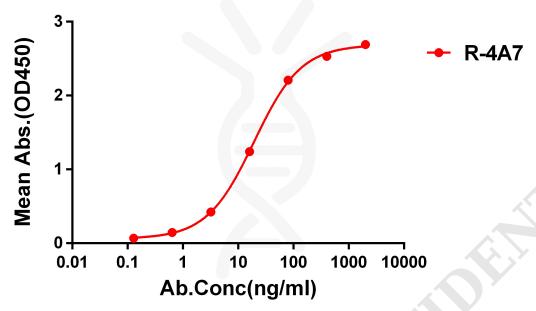


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human IFNB1 Protein can bind Rabbit anti-IFNB1 monoclonal antibody(clone: 4A7) in a linear range of 5-100 ng/ml.



