PRODUCT INFORMATION

Clone ID	4A7
Target	IFNB1
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 Dilutions	ELISA 1/5000-10000
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
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. [provided by RefSeq, Sep 2015]
Usage	Research use only
Conjugate	Unconjugated

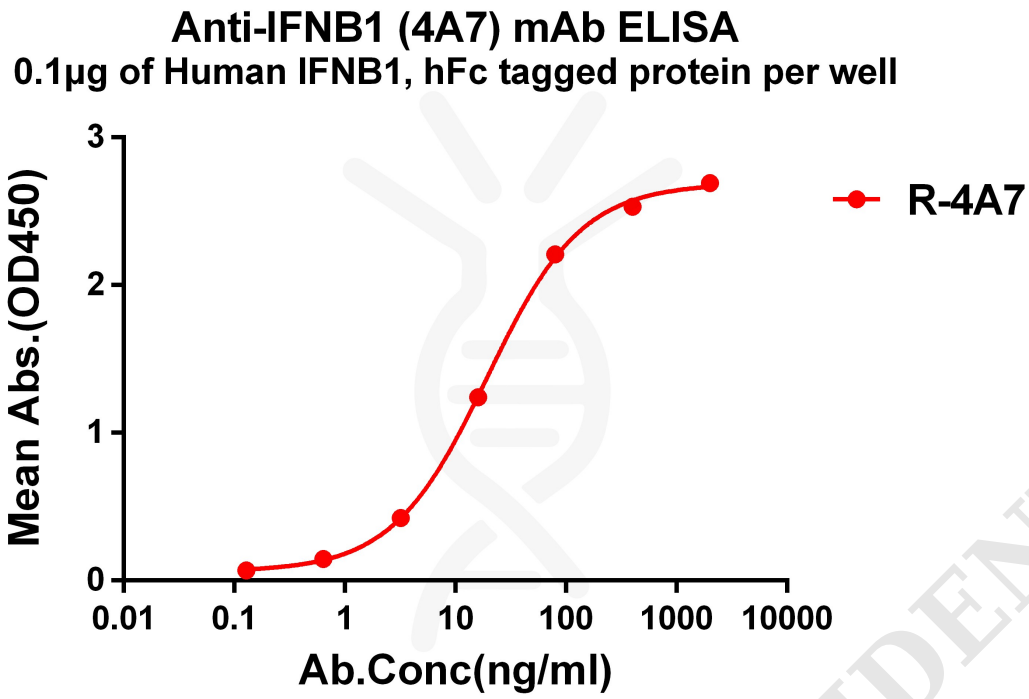

Figure 1. ELISA plate pre-coated by 1 μg/ml (100 μl/well) Human IFNB1 Protein can bind Rabbit anti-IFNB1 monoclonal antibody(clone: 4A7) in a linear range of 5-100 ng/ml.