

Product datasheet for **TA367685**

Interferon beta (IFNB1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 30-150 Positive control: Human brain Predicted cell location: Cytoplasm or Nucleus
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human IFNB1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	interferon beta 1
Database Link:	Entrez Gene 3456 Human P01574



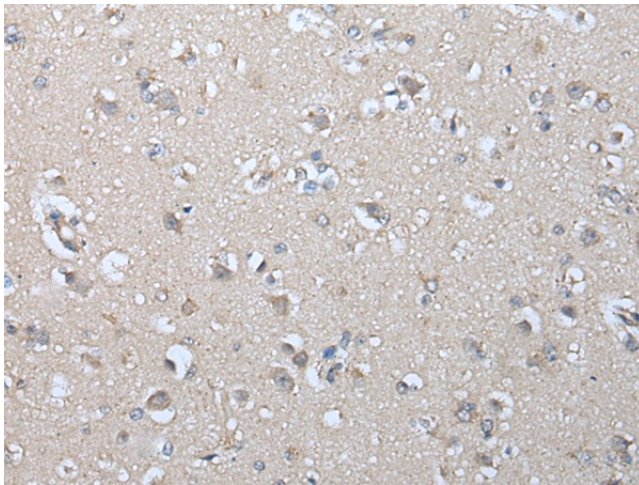
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Background:

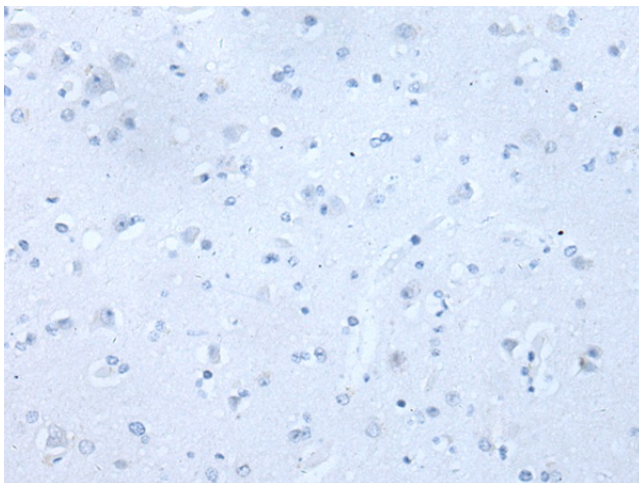
This gene encodes a cytokine that belongs to the interferon family of signaling proteins, which are released as part of the innate immune response to pathogens. The protein encoded by this gene belongs to the type I class of interferons, which are important for defense against viral infections. In addition, 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.

Synonyms:

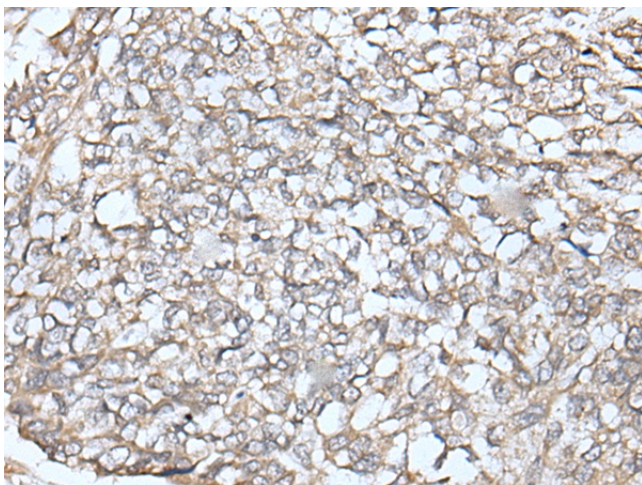
IFB; IFF; IFN-beta; IFNB; MGC96956

Product images:

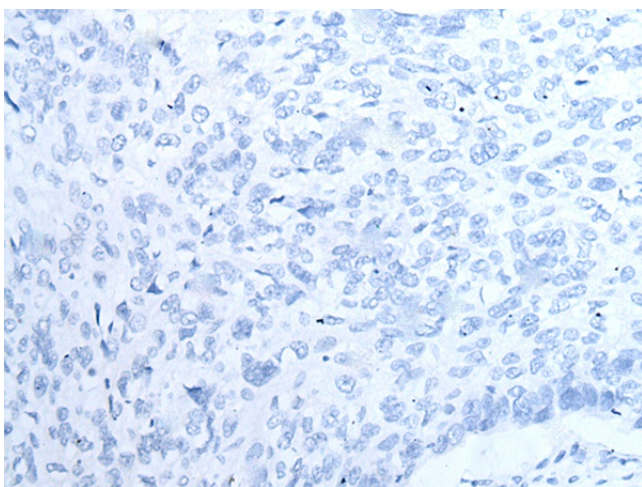
Immunohistochemistry of paraffin-embedded Human brain tissue using TA367685 (IFNB1 Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA367685 (IFNB1 Antibody) at dilution 1/45, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA367685 (IFNB1 Antibody) at dilution 1/45 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using TA367685 (IFNB1 Antibody) at dilution 1/45, treated with synthetic peptide. (Original magnification: $\times 200$)