www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

IFNB1

Reactivity: Human

Tested applications:WB IHC IF

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW:22kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human IFNB1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

b

Synonym:

IFNB1;IFB;IFF; IFNB;MGC96956;

Catalog #:A1575

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:3456

Isotype: IgG

Swiss Prot:P01574

Purity: Affinity purification

For research use only.

Background:

The genes encoding type I interferons (IFNs), which include 14 IFN-å genes, one IFN- gene, one IFN-w (also known as IFN-å II1) gene, and a number of IFN-w pseudogenes, are clustered on human chromosome 9. Interferons-å and - are cytokines that are widely known to induce potent antiviral activity. IFN-å and - exert a variety of other biological effects, including antitumor and immunomodulatory activities and are increasingly used clinically to treat a range of malignancies, myelodysplasias and autoimmune diseases. IFN-w is antigenically different from human IFN-å, IFN- or IFN-©, but is a component of natural mixtures of IFN species produced by virus-induced leukocytes or Burkitt's lymphoma cells. The type I interferon receptor (IFN-åR) interacts with IFN-å, IFN- and IFN-w, and seems to be a multisubunit receptor.

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