

Interferon alpha 1 (IFN- α 1) Rabbit mAb

Catalog No.: A21081 **Recombinant** **1 Publications**

Basic Information

Observed MW

18kDa

Calculated MW

22kDa

Category

Primary antibody

Applications

WB,ELISA

Cross-Reactivity

Human

CloneNo number

ARC52133

Background

This gene is a member of the alpha interferon gene cluster on chromosome 9. The encoded cytokine is a member of the type I interferon family that is produced in response to viral infection as a key part of the innate immune response with potent antiviral, antiproliferative and immunomodulatory properties. This cytokine, like other type I interferons, binds a plasma membrane receptor made of IFNAR1 and IFNAR2 that is ubiquitously expressed, and thus is able to act on virtually all body cells. This cytokine is upregulated in preeclamptic placentas and is thought to be a mediator of preeclampsia.

Recommended Dilutions

WB 1:500 - 1:1000

ELISA Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3439

Swiss Prot

P01562

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-189 of human Interferon alpha 1 (IFN- α 1) (NP_076918.1).

Synonyms

IFL; IFN; IFNA@; IFNA13; IeIF D; IFN-ALPHA; IFN-alphaD; Interferon alpha 1 (IFN- α 1)

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

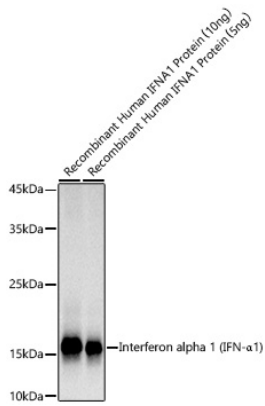
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of Recombinant Human IFN-alpha 1/13(Q114A) Protein (RP00011), using Interferon alpha 1 (IFN- α 1) Rabbit mAb (A21081) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 10ng/5ng per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3s.