

For Research Use Only

IFNG Monoclonal antibody

Catalog Number: 60101-1-Ig



Basic Information

Catalog Number:

60101-1-Ig

Size:

150UL, Concentration: 1000 µg/ml by 3458

Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG8320

GenBank Accession Number:

BC070256

GeneID (NCBI):

3458

Full Name:

IFN gamma

Calculated MW:

166 aa, 19 kDa

Observed MW:

25 kDa

Purification Method:

Caprylic acid/ammonium sulfate precipitation

CloneNo.:

1C10C6

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB: U-937 cells,

Background Information

IFNG is a soluble cytokine that is the only member of the type II class of IFNs. It is secreted by Th1 cells, cytotoxic T cells and NK cells. The cytokine is associated with antiviral, immunoregulatory and anti-tumor properties and is a potent activator of macrophages. It plays crucial roles in pathogen clearance. Aberrant IFNG expression is associated with a number of autoinflammatory and autoimmune diseases. It has been identified in many studies as a biomarker for pleural tuberculosis (TB). Mutations in this gene are associated with aplastic anemia.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

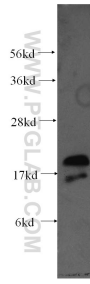
For technical support and original validation data for this product please contact:

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Selected Validation Data



U-937 cells were subjected to SDS PAGE followed by western blot with 60101-1-Ig (IFNG antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.