For Research Use Only

IFN Alpha Monoclonal antibody

Catalog Number:66162-1-Ig 3 Publications

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Basic Information

Catalog Number:
66162-1-Ig

Size:
150ul , Concentration: 2700 ug/ml by Nanodrop and 1667 ug/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG12533

GenBank Accession Number:
BC074928

GeneID (NCBI):
3439

UNIPROT ID:
P01562

Full Name:
IFNA1

Calculated MW:
189 aa, 22 kDa

Observed MW:
22 kDa

Purification Method:
Protein A purification

CloneNo.:
4A2A11

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
human

Positive Controls:

WB : Recombinant protein, Transfected HEK-293 cells

Background Information

IFNA1 (IF-alpha) is a member of the Type I IFN (1) family best known for their antiviral activity. It is a key cytokine regulating the activity of B cells, T-helper cells (Th cells), cDCs and natural killer cells (NK cells). IFNA1 induces B cell maturation into plasma cells and immunoglobulin production. IFNA1 plays an important role in the pathogenesis of systemic lupus erythematosus (SLE). IFNA1 was the first cytokine to show clinical benefit in the treatment of certain types of cancer, including melanoma, chronic myelogenous leukemia, and renal cancer.

Notable Publications

Author	Pubmed ID	Journal	Application
Yan Jin	34524541	Amino Acids	WB
Jianguo Feng	31211948	Brain Res	WB
Juanjuan Luo	37027305	Cell Rep	WB

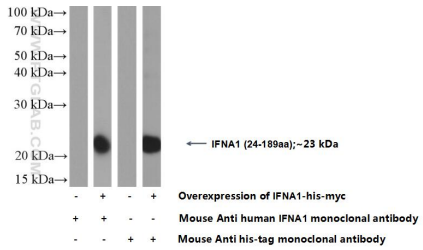
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

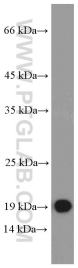
*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Selected Validation Data



WB result of Interferon alpha antibody (66162-1-Ig; 1:300; room temperature for 1.5 hours) with negative control and Interferon alpha overexpressed Transfected HEK-293 cells.



Recombinant protein were subjected to SDS PAGE followed by western blot with 66162-1-Ig (Interferon alpha antibody at dilution of 1:40000 incubated at room temperature for 1.5 hours.