

IFI16 Monoclonal antibody, PBS Only

Catalog Number: 67790-1-PBS

Basic Information

Catalog Number:

67790-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30314

GenBank Accession Number:

BC017059

GeneID (NCBI):

3428

UNIPROT ID:

Q16666

Full Name:

interferon, gamma-inducible protein

16

Calculated MW:

729 aa, 82 kDa

Observed MW:

85-95 kDa

Purification Method:

Protein G purification

CloneNo.:

1C10D7

Applications

Tested Applications:

WB, IHC, IF, ELISA

Species Specificity:

Human

Background Information

IFI16 is a member of a family of interferon-inducible nuclear proteins involved in transcriptional regulation functions as a transcriptional repressor. IFI16 may be involved in TP53-mediated transcriptional activation by enhancing TP53 sequence-specific DNA binding and modulating TP53 phosphorylation status. It has been reported that IFI16 participates in the regulation of autophagy, TP53-mediated cell death and innate immune response. IFI16 has different isoforms and 67790-1-Ig antibody detects proteins around 85-95 kDa in SDS-PAGE similar to papers. (PMID: 9718316, 14990579, 11146555, 22046441)

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

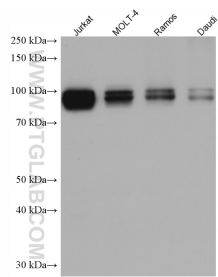
T: 4006900926

E: Proteintech-CN@ptglab.com

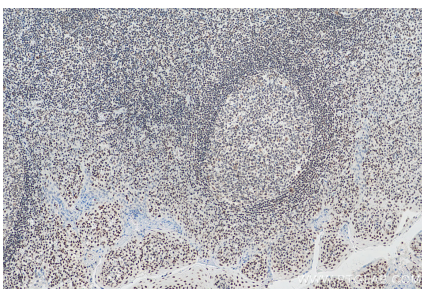
W: ptgcn.com

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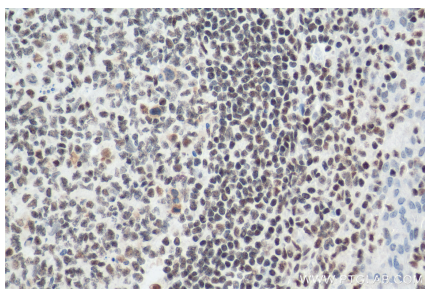
Selected Validation Data



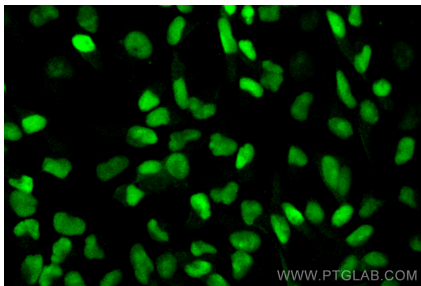
Various lysates were subjected to SDS PAGE followed by western blot with 67790-1-Ig (IFI16 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67790-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67790-1-Ig (IFI16 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67790-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67790-1-Ig (IFI16 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67790-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using IFI16 antibody (67790-1-Ig, Clone: 1C10D7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67790-1-PBS in a different storage buffer formulation.