

For Research Use Only

IFN-gamma R2 Polyclonal antibody, PBS Only

Catalog Number: 10266-1-PBS



Basic Information

Catalog Number:

10266-1-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0317

GenBank Accession Number:

BC003624

GeneID (NCBI):

3460

UNIPROT ID:

P38484

Full Name:

interferon gamma receptor 2
(interferon gamma transducer 1)

Calculated MW:

45 kDa

Observed MW:

50-55 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human

Background Information

Interferon-gamma (IFN- γ) is a cytokine critical for innate and adaptive immunity against viral and intracellular bacterial infections and for tumor control. Cellular responses to IFN- γ are activated through its interaction with a heterodimeric receptor consisting of two subunits, IFNGR1 and IFNGR2. IFNGR1 is the ligand-binding subunit which binds IFN- γ with high affinity, whereas IFNGR2 serves as the accessory subunit which attaches to IFN- γ with a significantly lower affinity. Two subunits bind one IFN- γ dimer. Defects in IFNGR2 are a cause of mendelian susceptibility to mycobacterial disease (MSMD), also known as familial disseminated atypical mycobacterial infection. (PMID: 17981204; 946248; 10888113)

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, pH7.3

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

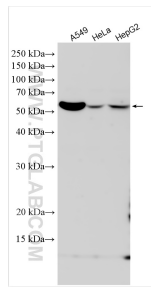
T: 4006900926

E: Proteintech-CN@ptglab.com

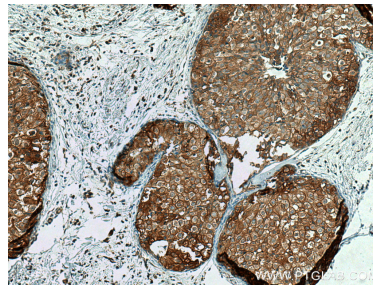
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

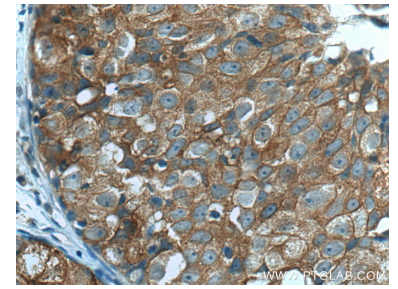
Selected Validation Data



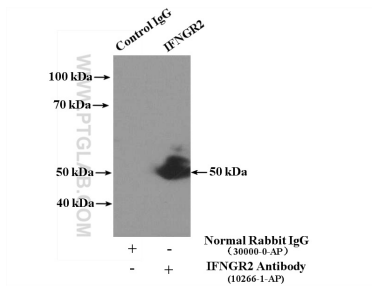
Various lysates were subjected to SDS PAGE followed by western blot with 10266-1-AP (IFNGR2 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10266-1-PBS in a different storage buffer formulation.



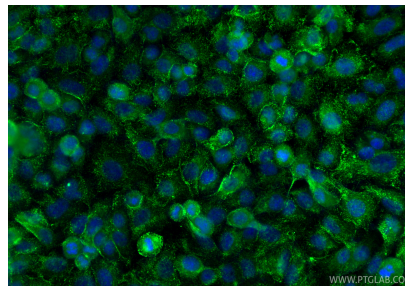
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10266-1-AP (IFNGR2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10266-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10266-1-AP (IFNGR2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10266-1-PBS in a different storage buffer formulation.



IP result of anti-IFNGR2 (IP:10266-1-AP, 4ug; Detection:10266-1-AP 1:500) with A549 cells lysate 1800ug. This data was developed using the same antibody clone with 10266-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using IFN-gamma R2 antibody (10266-1-AP) at dilution of 1:400 and CoralLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 10266-1-PBS in a different storage buffer formulation.