

For Research Use Only

MX2 Polyclonal antibody, PBS Only

Catalog Number: 13278-1-PBS



Basic Information

Catalog Number:

13278-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4020

GenBank Accession Number:

BC035293

GeneID (NCBI):

4600

UNIPROT ID:

P20592

Full Name:

myxovirus (influenza virus) resistance 2 (mouse)

Calculated MW:

715 aa, 82 kDa

Observed MW:

70-82 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

Background Information

Myxovirus resistance 2 (MX2, also known as MxB) is a member of both the dynamin family and the family of large GTPases. MX2 is an interferon-stimulated gene that inhibits the nuclear import of HIV-1 and interacts with the viral capsid and cellular nuclear transport machinery. MX2 mediates the effects of IFN signaling in a cell type and context-dependent manner that can influence cells sensitivity to MAPK pathway targeted therapies. MX2 is also associated with the tumorigenesis process in melanoma (PMID: 33734579).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

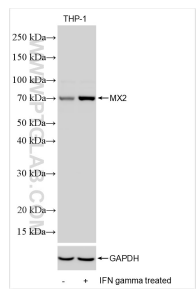
For technical support and original validation data for this product please contact:

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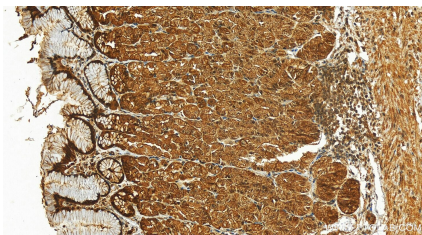
E: proteintech@ptglab.com
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Selected Validation Data



Untreated and IFN beta treated THP-1 cell lysates were subjected to SDS PAGE followed by western blot with 13278-1-AP (MX2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 13278-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 13278-1-AP (MX2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 13278-1-PBS in a different storage buffer formulation.