

For Research Use Only

IFITM2-Specific Monoclonal antibody, PBS Only

Catalog Number: 66137-1-PBS

Featured Product



Basic Information

Catalog Number:
66137-1-PBS

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

Source:
Mouse

Isotype:
IgG1

GenBank Accession Number:
NM_006435

GeneID (NCBI):
10581

UNIPROT ID:
Q01629

Full Name:
interferon induced transmembrane
protein 2 (1-8D)

Observed MW:
15 kDa

Purification Method:
Protein G purification

CloneNo.:
3D5F7

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

IFITM2, also named as 1-8D, belongs to the CD225 family. It is an IFN-induced antiviral protein that mediates cellular innate immunity to at least three major human pathogens, namely influenza A H1N1 virus, West Nile virus (WNV), and dengue virus (DENV), by inhibiting the early step(s) of replication. IFITM2 induces cell cycle arrest and mediates apoptosis by caspase activation and in p53-independent manner. It is overexpressed in colon carcinoma. IFITM2 is a novel pro-apoptotic gene that will provide new insights into the regulated cellular pathways to death. (PMID:19544527) This antibody is specific to IFITM2.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

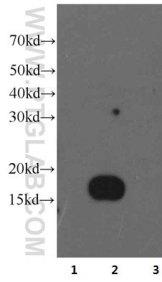
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
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Selected Validation Data



IFITM1 (Lane 1), IFITM2 (Lane 2) and IFITM3 (Lane 3) fusion proteins (20ng/lane) were subjected to SDS-PAGE followed by western blot with IFITM2 monoclonal antibody (66137-1-Ig) at dilution of 1:10,000. This data was developed using the same antibody clone with 66137-1-PBS in a different storage buffer formulation.



HepG2 cells were subjected to SDS PAGE followed by western blot with 66137-1-Ig (IFITM2-specific antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66137-1-PBS in a different storage buffer formulation.