For Research Use Only

CoraLite® Plus 488-conjugated IFIT3 Monoclonal antibody

Catalog Number:CL488-67208

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL488-67208

Source:
Mouse

Isotype:
IgG2a

Immunogen Catalog Number:
AG7518

GenBank Accession Number:
BC004977

GeneID (NCBI):
3437

UNIPROT ID:
O14879

Full Name:
IFIT3

Calculated MW:
56 kDa

Observed MW:
60 kDa

Purification Method:
Protein A purification

CloneNo.:
2C8B10

Recommended Dilutions:
IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

IFIT3 (IFN-induced protein with tetratricopeptide repeats 3), also known as IFIT-4, ISG-60 or RIG-G, is a 56 kDa IFN induced protein. IFIT3 has been identified to be associated with strong IFN antiviral activity. Upon RNA virus infection, IFIT3 is significantly induced, ectopic expression or knockdown of IFIT3 could, respectively, enhance or impair IFN regulatory factor 3 (IRF3)-mediated gene expression. IFIT3 thus may serve as an important modulator in innate immunity, revealing a new function of the IFIT family proteins.

Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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

Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CoraLite® Plus 488 IFIT3 antibody (CL488-67208, Clone: 2C8B10) at dilution of 1:200, CL594-Phalloidin (red).