

IFIT3 mouse monoclonal antibody

Catalog: MB4022

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

IFIT3 (Interferon-induced protein with tetratricopeptide repeats 3; Retinoic acid-induced gene G protein (RIG-G)) is part of the IFIT family of interferon-stimulating genes known for their antiviral properties (1,2). IFIT3 is widely expressed in T cells, B cells, plasmacytoid and myeloid dendritic cells, neurons, and kidney cells (3,4). In response to RNA viral infection, IFIT3 regulates IRF3 activation through interaction with TBK1 and MAVS on the mitochondrion (5). IFIT3 also interacts with IFIT1, leading to inhibitory activity against viral RNA lacking the 2' -O-methylation in the cap structure (6).

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~60-65 kDa

Swiss-Prot:

O14879

Purification&Purity:

The antibody was affinity-purified from mouse ascites fluids or tissue culture supernatant by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB 1:2000, IF 1:100, Flow 1:100

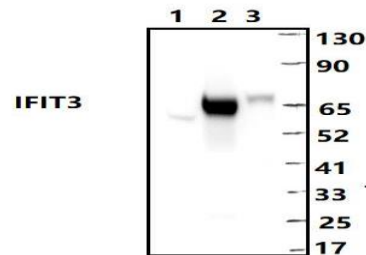
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

IgG1

DATA:

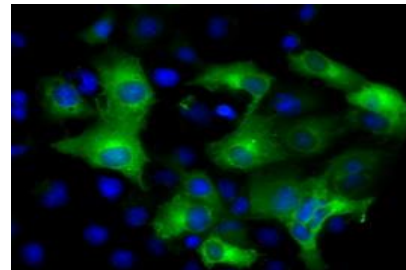


Western blot (WB) analysis of IFIT3 mouse monoclonal antibody at 1:500 dilution

Lane1:HepG2 whole cell lysate(30ug);

Lane2:The Lung tissue lysate of mouse(30ug);

Lane3:The Liver tissue lysate of Rat(30ug)



Anti-IFIT3 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY IFIT3 (RC200610).

Note:

For research use only, not for use in diagnostic procedure.

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