

Nur für Forschungszwecke

IFITM1-Specific Monoklonaler Antikörper



Katalog-Nr.: 60074-1-Ig

Vorgestelltes Produkt

59 Publikationen

Allgemeine Informationen

Katalog-Nr.:
60074-1-Ig

Größe:
150ul, Konzentration: 2500 µg/ml von 8519
Nanodrop und 1500 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Maus

Isotyp:
IgG2a

Immunogen Katalognummer:
AG2320

GenBank-Zugangsnummer:
BC000897

GeneID (NCBI):
8519

Vollständiger Name:
interferon induced transmembrane
protein 1 (9-27)

Berechnete Masse:
14 kDa

Beobachtete Masse:
14-17 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
5B5E2

Empfohlene Verdünnungen:
WB 1:20000-1:100000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IHC 1:200-1:1000

Anwendungen

Geprüfte Anwendungen:
FC, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
FC, IF, IHC, IP, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Human, Maus

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: TF-1-Zellen, HepG2-Zellen, HL-60-Zellen, humanes Hodengewebe, K-562-Zellen

IP: HepG2-Zellen,

IHC: humanes Lymphomgewebe,

Hintergrundinformationen

IFITM1 (interferon induced transmembrane protein), also named DSPA2a and interferon-induced protein 17 (IFI17), belongs to the CD225 family. It has two transmembrane domain and serves as an IFN-induced antiviral protein that mediates cellular innate immunity to at least three major human pathogens, influenza A H1N1 virus, West Nile virus (WNV), and dengue virus, by inhibiting the early steps of replication. IFITM proteins are recently identified as viral restriction factors that inhibit infection mediated by the influenza A virus (IAV) hemagglutinin (HA) protein. Also they serve as important components of the innate immune system to restrict HIV-1 infection. 60074-1-Ig is a mouse monoclonal antibody which specifically recognizing IFITM1 but not IFITM2 or IFITM3.

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|--------------------|-----------|------------|-----------|
| Wing-Yiu Jason Lee | 30266929 | Sci Rep | WB |
| Florian Wrensch | 25256397 | Viruses | WB |
| Michael J McFadden | 34537236 | J Mol Biol | WB |

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

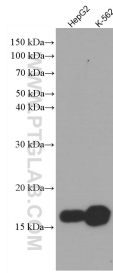
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

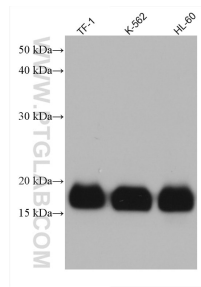
E: proteintech@ptglab.com
W: ptglab.com

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

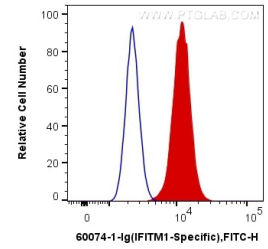
Ausgewählte Validierungsdaten



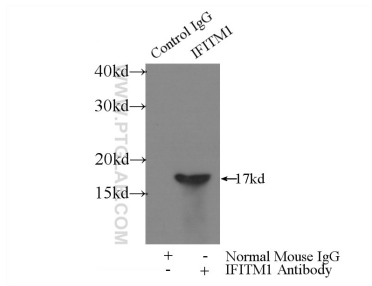
Various lysates were subjected to SDS PAGE followed by western blot with 60074-1-Ig (IFITM1-Specific antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



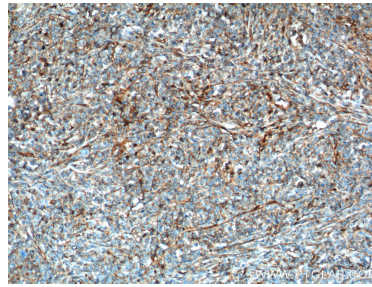
TF-1 cells were subjected to SDS PAGE followed by western blot with 60074-1-Ig (IFITM1-Specific antibody) at dilution of 1:50000 incubated at room temperature for 1.5 hours.



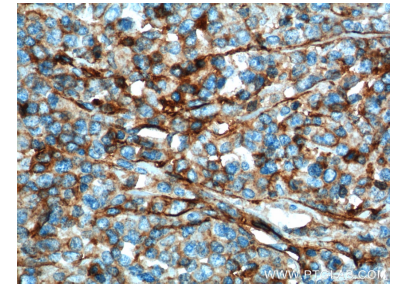
1×10^6 U2OS cells were intracellularly stained with 0.4 μ g Anti-Human IFITM1-Specific (60074-1-Ig, Clone:5B5E2) and CoraLite[®]488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 μ g Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



IP Result of anti-IFITM1-Specific (IP:60074-1-Ig, 4 μ g; Detection:60074-1-Ig 1:500) with HepG2 cells lysate 3600 μ g.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 60074-1-Ig (IFITM1-Specific Antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 60074-1-Ig (IFITM1-Specific Antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).