

Nur für Forschungszwecke

IFITM2-specific Monoklonaler Antikörper



Katalog-Nr.: 66137-1-Ig

Vorgestelltes Produkt

21 Publikationen

Allgemeine Informationen

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| Katalog-Nr.: 66137-1-Ig | GenBank-Zugangsnummer: NM_006435 | Reinigungsmethode: Protein-G-Reinigung |
| Größe: 150ul, Konzentration: 1700 µg/ml von 10581 Nanodrop und 880 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): 10581 | CloneNo.: 3D5F7 |
| Wirt: Maus | Vollständiger Name: interferon induced transmembrane protein 2 (1-8D) | Empfohlene Verdünnungen: WB 1:500-1:2000 |
| Isotyp: IgG1 | Beobachtete Masse: 15 kDa | |

Anwendungen

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|--|--|
| Geprüfte Anwendungen: FC, WB, ELISA | Positivkontrollen: WB: HepG2-Zellen, recombinant protein |
| In Publikationen genannte Anwendungen: IF, IHC, WB | |
| Getestete Reaktivität: Human | |
| Zitierte Arten: Human | |

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|--------------------|-----------|--------------------------|-----------|
| Wing-Yiu Jason Lee | 30266929 | Sci Rep | WB |
| Xin Wang | 33108395 | PLoS Pathog | WB |
| Guoli Shi | 30301809 | Proc Natl Acad Sci U S A | WB |

Lagerung

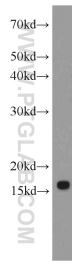
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

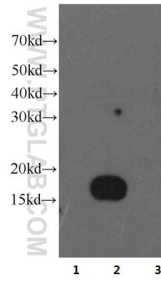
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

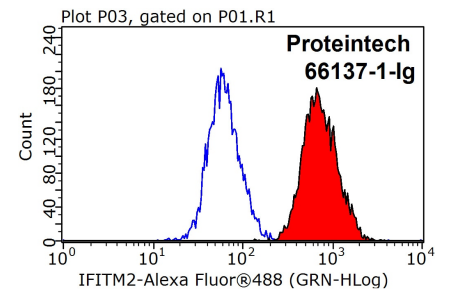
Ausgewählte Validierungsdaten



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.



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.



1X10⁶ HeLa cells were stained with 0.2ug IFITM2-specific antibody (66137-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000.