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anti-IFITM2 antibody (AA 1-56)

3 Images



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OVCI	VICVV

Quantity:	100 μg
Target:	IFITM2
Binding Specificity:	AA 1-56
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFITM2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Interferon-induced transmembrane protein 2 protein (1-56AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IFITM2
Alternative Name:	IFITM2 (IFITM2 Products)
Background:	Background: IFN-induced antiviral protein which inhibits the entry of viruses to the host cell
	cytoplasm, permitting endocytosis, but preventing subsequent viral fusion and release of viral

Target Details

contents into the cytosol. Active against multiple viruses, including influenza A virus, SARS coronavirus (SARS-CoV), Marburg virus (MARV), Ebola virus (EBOV), Dengue virus (DNV), West Nile virus (WNV), human immunodeficiency virus type 1 (HIV-1) and vesicular stomatitis virus (VSV). Can inhibit: influenza virus hemagglutinin protein-mediated viral entry, MARV and EBOV GP1,2-mediated viral entry, SARS-CoV S protein-mediated viral entry and VSV G protein-mediated viral entry. Induces cell cycle arrest and mediates apoptosis by caspase activation and in p53-independent manner.

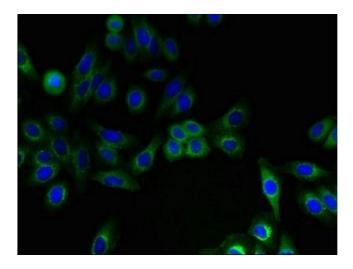
Aliases: IFITM2Interferon-induced transmembrane protein 2 antibody, Dispanin subfamily A member 2c antibody, DSPA2c antibody, Interferon-inducible protein 1-8D antibody

UniProt:

Q01629

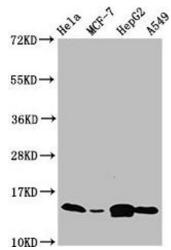
Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:50-1:500,
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be
	handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



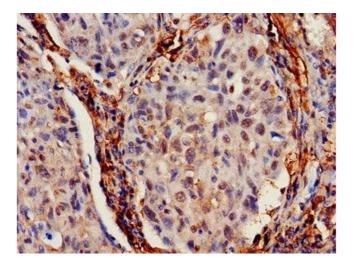
Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7156683 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Western Blotting

Image 2. Western Blot Positive WB detected in: Hela whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysate All lanes: IFITM2 antibody at 4.7 μ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 15 kDa Observed band size: 15 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7156683 diluted at 1:700 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.