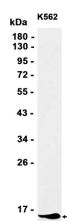


Recombinant IFITM1 Monoclonal Antibody

catalog number: AN300169P

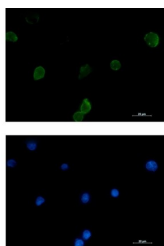
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description	
Reactivity	Human
Immunogen	A synthetic peptide corresponding to the center region of the Human IFITM1
Host	Rabbit
Isotype	IgG
Clone	C310119
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS
Applications	
Recommended Dilution	
WB:	1:1000; IHC-P: 1:200-1:2000; ICC/IF: 1:200-1:500; FC: 1:200-1:500; IP: 1:20-1:50
Data	

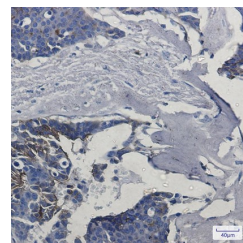


Western blot analysis of extracts from K562 cells at 1:1000.

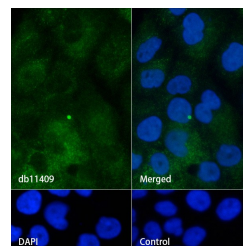
Observed-MW:14 kDa
Calculated-MW:14 kDa



Immunofluorescent analysis of K562 cells (green), and DAPI (blue).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue .



Immunofluorescence analysis of A431 cells labelling IFITM1. The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate (1:200) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (shown in green). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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Rev. V1.6

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 contents into the cytosol. Active against multiple viruses, including influenza A virus, SARS coronavirus (SARS-CoV), Marburg virus (MARV), Ebola virus (EBOV), Dengue virus (DENV), West Nile virus (WNV), human immunodeficiency virus type 1 (HIV-1) and hepatitis C virus (HCV). Can inhibit: influenza virus hemagglutinin protein-mediated viral entry, MARV and EBOV GP1,2-mediated viral entry and SARS-CoV S protein-mediated viral entry. Also implicated in cell adhesion and control of cell growth and migration.

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