

Recombinant IFITM1 Monoclonal Antibody

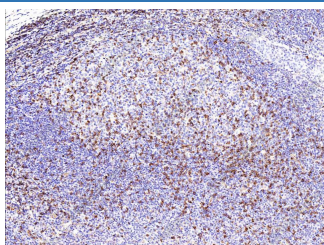
catalog number: **AN300169P**

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

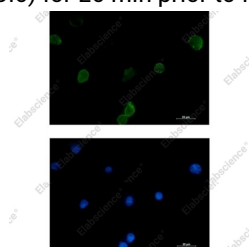
Description	
Reactivity	Human
Immunogen	A synthetic peptide corresponding to the center region of the Human IFITM1
Host	Rabbit
Isotype	Rabbit IgG
Clone	C310119
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

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

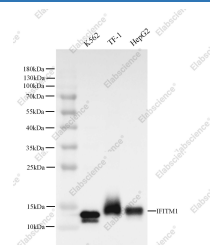
Data



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue sections using IFITM1 Antibody (AN300169P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.

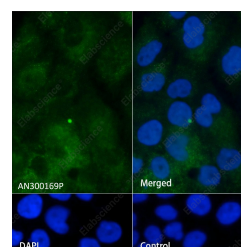


Immunofluorescent analysis of K562 cells (green), and DAPI (blue).



Western blot analysis of K562, TF-1 and HepG2 cell lysates using IFITM1 Antibody (AN300169P) at a dilution of 1:1000.

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



Immunofluorescence analysis of A431 cells labelling IFITM1. 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

Background

For Research Use Only

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Rev. V1.7

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.