

## IFITM1 Polyclonal Antibody

Catalog number: 11727-3-AP

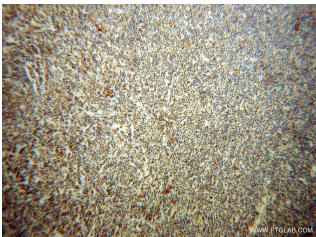
Size: 33 µg/150 µl

Source: Rabbit

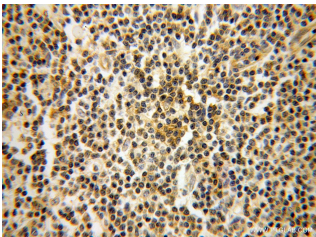
Isotype: IgG

Synonyms:

IFITM1; 9 27, CD225, IFI17,  
IFITM1, Interferon induced  
protein 17, Leu 13 antigen,  
LEU13



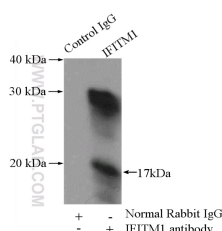
Immunohistochemical of paraffin-embedded human lymphoma using 11727-3-AP(IFITM1 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human lymphoma using 11727-3-AP(IFITM1 antibody) at dilution of 1:50 (under 40x lens)



K-562 cells were subjected to SDS PAGE followed by western blot with 11727-3-AP(IFITM1 antibody) at dilution of 1:500



IP Result of anti-IFITM1

### Background

IFITM1(interferon induced transmembrane protein), also named DSPA2a or 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.

### Applications

Tested applications:	ELISA, WB, IHC, IP
Cited applications:	FC, WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated IFITM1 MW:	14 kDa
Observed IFITM1 MW:	17-19kd
Positive WB detected in	K-562 cells, HepG2 cells
Positive IP detected in	ROS1728 cells
Positive IHC detected in	Human lymphoma tissue, human lung cancer tissue
Recommended dilution:	WB: 1:200-1:2000
	IP: 1:200-1:2000
	IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag2320
GenBank accession number:	BC000897
Gene ID (NCBI):	8519
Full name:	Interferon induced transmembrane protein 1 (9-27)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

(IP:11727-3-AP, 4ug;  
Detection:11727-3-AP 1:500)  
with ROS1728 cells lysate  
3200ug.