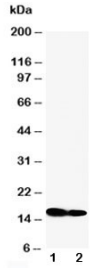
IFITM1 Antibody (R30277)

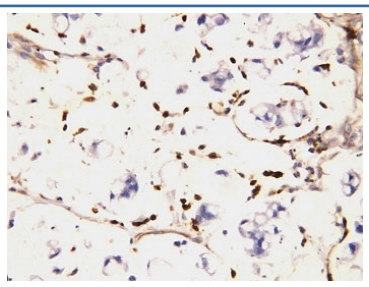
Catalog No.	Formulation	Size
R30277	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P13164
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml IHC (Frozen) : 0.5-1ug/ml
Limitations	This IFITM1 antibody is available for research use only.



Western blot testing of IFITM1 antibody and Lane 1: SW620; 2: CEM cell lysate



IHC-P: IFITM1 antibody testing of human intestinal cancer tissue

Description

Interferon-induced Transmembrane Protein 1(IFITM1), also called Interferon-induced Protein 17(IFI17). IFITM1 activity is required for primordial germ cells(PGCs) transit from the mesoderm into the endoderm, and that it appears to act via a repulsive mechanism, such that PGCs avoid Ifitm1-expressing tissues. It is mapped to Chr.11 and belongs to the family of interferon-induced transmembrane proteins(Ifitm/mil/fragilis), which encodes cell surface proteins that may modulate cell adhesion and influence cell differentiation. Interferon-inducible membrane proteins of approximately 17 kDa have been suggested to play a role in the antiproliferative activity of interferons based on their pattern of induction in interferon-sensitive and -resistant cell lines and the ability of a membrane fraction enriched in 17-kDa proteins to inhibit cell growth.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the IFITM1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human IFITM1 (MHKEEHEVAVLGPPPST) was used as the immunogen for this IFITM1 antibody.

Storage

After reconstitution, the IFITM1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.