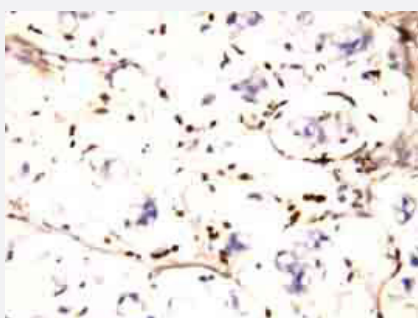


IFITM1 polyclonal antibody

Catalog # PAB12285

Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of IFITM1 on formalin fixed, paraffin embedded human intestines cancer tissue with IFITM1 polyclonal antibody (Cat # PAB12285).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of IFITM1.
Immunogen	A synthetic peptide corresponding to amino acids at N-terminus of human IFITM1.
Host	Rabbit
Theoretical MW (kDa)	13.9
Reactivity	Human
Specificity	Identical to the related rat and mouse sequence.
Form	Lyophilized
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal)
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
Immunohistochemical staining of IFITM1 on formalin fixed, paraffin embedded human intestines cancer tissue with IFITM1 polyclonal antibody (Cat # PAB12285).
- Immunohistochemistry (Frozen sections)

Gene Info — IFITM1

Entrez GeneID	8519
GeneBank Accession#	BC000897
Protein Accession#	AAH00897
Gene Name	IFITM1
Gene Alias	9-27, CD225, IFI17, LEU13
Gene Description	interferon induced transmembrane protein 1 (9-27)
Omim ID	604456
Gene Ontology	Hyperlink
Other Designations	interferon-induced protein 17

Publication Reference

- [IFITM1 promotes the metastasis of human colorectal cancer via CAV-1.](#)

Yu F, Xie D, Ng SS, Lum CT, Cai MY, Cheung WK, Kung HF, Lin G, Wang X, Lin MC.

Cancer Letters 2015 Nov; 368(1):135.

Application: IHC-P, WB-Ce, WB-Tr, Human, CaCo-2, DLD-1, HCT-116, HT-29, LoVo cells, Human colorectal cancer

- [IFITM/Mil/fragilis family proteins IFITM1 and IFITM3 play distinct roles in mouse primordial germ cell homing and repulsion.](#)

Tanaka SS, Yamaguchi YL, Tsoi B, Lickert H, Tam PP.

Developmental Cell 2005 Dec; 9(6):745.

- [Expression cloning of an interferon-inducible 17-kDa membrane protein implicated in the control of cell growth.](#)

Deblandre GA, Marinx OP, Evans SS, Majaj S, Leo O, Caput D, Huez GA, Wathelet MG.

The Journal of Biological Chemistry 1995 Oct; 270(40):23860.

Application: Flow Cyt, Func, IP, WB-Tr, Human, Monkey, COS cells, Daudi cells, DIF8 cells, HeLa cells, Jurkat cells, Lymphocytes, K-562 cells, PBMCs, U-937 cells

Pathway

- [B cell receptor signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Ovarian Neoplasms](#)