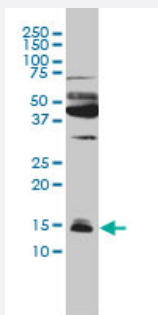


IFITM3 monoclonal antibody (M01), clone 4C8-1B10

Catalog # H00010410-M01

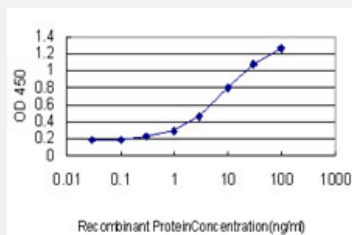
Size 100 ug

Applications



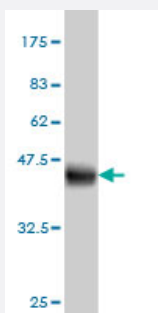
Western Blot (Cell lysate)

IFITM3 monoclonal antibody (M01), clone 4C8-1B10 Western Blot analysis of IFITM3 expression in Hela (Cat # L013V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IFITM3 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (40.37 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant IFITM3.

Immunogen	IFITM3 (AAH06794, 1 a.a. ~ 133 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MNHTVQTFSPVNSGQPPNYEMLKEEHEVAVLGAPHNPAPTSTVIHIRSETSVDPDHVVWSLFNT LFMNPCCLGFI AFAYSVKSRDRKMVGDTVGAQAYASTAKCLNIWALILGILMTILLIPVLIFQAYG
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (40.37 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

IFITM3 monoclonal antibody (M01), clone 4C8-1B10 Western Blot analysis of IFITM3 expression in Hela (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged IFITM3 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — IFITM3

Entrez GeneID	10410
GeneBank Accession#	BC006794
Protein Accession#	AAH06794

Gene Name	IFITM3
Gene Alias	1-8U, IP15
Gene Description	interferon induced transmembrane protein 3 (1-8U)
Omim ID	605579
Gene Ontology	Hyperlink
Other Designations	interferon-induced transmembrane protein 3 (1-8U) interferon-inducible

Publication Reference

- [IFITM3 knockdown reduces the expression of CCND1 and CDK4 and suppresses the growth of oral squamous cell carcinoma cells.](#)

Gan CP, Sam KK, Yee PS, Zainal NS, Lee BKB, Abdul Rahman ZA, Patel V, Tan AC, Zain RB, Cheong SC.
Cellular Oncology (Dordrecht) 2019 Aug; 42(4):477.

Application: IHC-P, WB-Tr, Human, Human oral squamous cell carcinoma, ORL-150, ORL-204 cells

- [KLF4-Mediated Negative Regulation of IFITM3 Expression Plays a Critical Role in Colon Cancer Pathogenesis.](#)

Li D, Peng Z, Tang H, Wei P, Kong X, Yan D, Huang F, Li Q, Le X, Li Q, Xie K.
Clinical Cancer Research 2011 Jun; 17(11):3558.

Application: IF, IHC-P, WB-Ti, WB-Tr, Human, Mouse, HCT-116 cells, Human colon cancer, Mouse colon mucosa, SW480 cells

- [Gene-expression profiling in Chinese patients with colon cancer by coupling experimental and bioinformatic genomewide gene-expression analyses: identification and validation of IFITM3 as a biomarker of early colon carcinogenesis.](#)

Fan J, Peng Z, Zhou C, Qiu G, Tang H, Sun Y, Wang X, Li Q, Le X, Xie K.
Cancer 2008 Jul; 113(2):266.

Application: IHC-P, Human, Human colon cancer

- [Interactions between PBEF and oxidative stress proteins - A potential new mechanism underlying PBEF in the pathogenesis of acute lung injury.](#)

Zhang LQ, Adyshev DM, Singleton P, Li H, Cepeda J, Huang SY, Zou X, Verin AD, Tu J, Garcia JG, Ye SQ.
FEBS Letters 2008 May; 582(13):1802.

Application: WB, Human, Human primary pulmonary artery endothelial cells, Human primary lung microvascular endothelial cells

Disease

- [Colitis](#)
- [Genetic Predisposition to Disease](#)