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Anti-IFITM3 Rabbit mAb [40E33]

Catalog No.: A52180

Basic Information

Catalog No. (Cat.No.)	A52180
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	IFITM3,CD226L,IMDM

Product Information

Target	IFITM3
Molecular Weight(Calculated)	14 kDa
Molecular Weight(Observed)	14 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	40E33
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Interferon-induced transmembrane protein-3
Gene Name	*IFITM3*
Domain	NA
Background	IFITM3 (Interferon-induced transmembrane protein 3) is an IFITM-family transmembrane protein residing on endosomes, lysosomes and plasma membrane. It mediates host antiviral immunity: transcription is strongly induced by type-I interferons, and IFITM3 blocks entry of numerous enveloped viruses by impairing viral-host membrane fusion within endosomes. It also modulates intracellular membrane trafficking; loss-of-function confers higher susceptibility to viral infection. Besides antiviral roles, IFITM3 participates in cell proliferation and tumor progression with altered expression in certain cancers.