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Anti-ALIX Rabbit mAb [88A15]

Catalog No.: A52007

Basic Information

Catalog No. (Cat.No.)	A52007
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Synonyms	ALIX,ALG-2-interacting protein X,Hp95

Product Information

Target	ALIX
Molecular Weight(Calculated)	96 kDa
Molecular Weight(Observed)	96 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	88A15
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	ALG-2-interacting protein X
Gene Name	*PDCD6IP*
Domain	NA
Background	ALIX (Apoptosis-Linked Gene 2-Interacting Protein X) is a conserved multifunctional scaffold protein belonging to the ESCRT (Endosomal Sorting Complex Required for Transport) accessory protein family, encoded by the PDCD6IP gene with a molecular weight of approximately 95 kDa. It is ubiquitously expressed in most mammalian cells and tissues, serving as a core regulator of endosomal trafficking, vesicle budding, and extracellular vesicle biogenesis. ALIX participates in multiple key biological processes, including endosomal sorting, exosome secretion, cytokinesis completion, and virus budding. It also interacts with apoptosis-related proteins to modulate cellular apoptosis and stress responses. Abnormal expression of ALIX affects exosome release and intracellular material transport, closely associated with tumor metastasis, inflammatory injury, and viral infection progression.