

Product datasheet for **AM10558PU-N**

ALIX (PDCD6IP) Mouse Monoclonal Antibody [Clone ID: 8E8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	8E8
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: Western Blot: 1/200-1/1000. Immunohistochemistry: 1/100-1/500.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant Human ALIX protein
Specificity:	Reacts with Human 96 kDa ALIX protein.
Formulation:	0.1M Tris, 0.1M Glycine and 2% Sucrose State: Purified State: Lyophilized purified powder Preservative: None
Reconstitution Method:	Restore in distilled water.
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Lyophilized powder stable for a minimum of 2 years at -20°C. Store reconstituted antibody at 2-8°C (in aliquots) at -20°C for longer.
Stability:	Shelf life: Six months from despatch.
Gene Name:	programmed cell death 6 interacting protein
Database Link:	Entrez Gene 10015 Human Q8WUM4



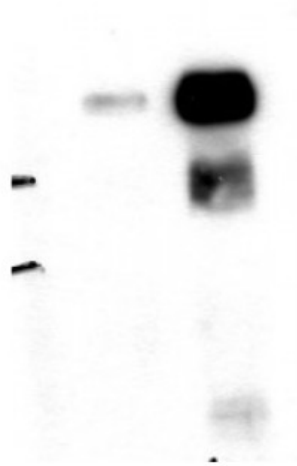
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Background:

ALIX was originally reported to play a role in apoptosis but has recently been shown to be involved in other cellular mechanisms including endosomal sorting, endocytosis, viral budding and actin cytoskeleton assembly. ALG2 interacting protein X is a Class E VPS protein involved in concentration and sorting of cargo proteins of the multivesicular body (MVB) for incorporation into intraluminal vesicles. Fusion between endosomes and the vacuole will then target the cargo proteins to the vacuolar lumen. In case of infection, the HIV-1 virus directly takes advantage of its function for viral exocytosis and budding, via its interaction with HIV-1 p6 protein. It may play a role in the regulation of both apoptosis and cell proliferation

Synonyms:

PDCD6-interacting protein, ALG-2-interacting protein 1, Hp95, KIAA1375

Product images:


Western Blot: ALIX antibody (8E8) staining of 10 μ g (lane 1) and 100 μ g (lane 2) of recombinant GST-ALIX