Recombinant ALIX Monoclonal Antibody

catalog number: AN301785L

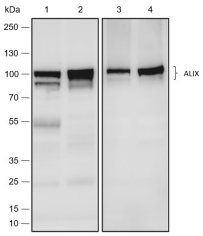
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human ALIX fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A493
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:2000-1:10000
IHC	1:100-1:500
IP	1:25-1:50

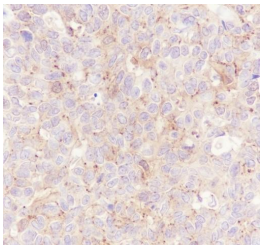
Data



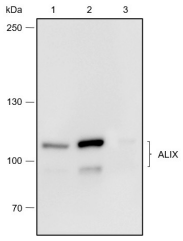
Western Blot with ALIX Monoclonal Antibody at dilution of 1:10000. Lane 1: HeLa, Lane 2: C6, Lane 3: Mouse brain, Lane 4: Rat brain

Observed-MW:90/100 kDa

Calculated-MW:96 kDa



Immunohistochemistry of paraffin-embedded Human breast cancer using ALIX Monoclonal Antibody at dilution of 1:500.



Immunoprecipitation analysis using anti-ALIX Monoclonal Antibody. Western blot was performed from the immunoprecipitate using ALIX Monoclonal Antibody at a dilution of 1:50. Lane 1: 5% Input, Lane 2: ALIX Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:90/100 kDa

Calculated-MW:96 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

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Background

Programmed cell death 6-interacting protein (PDCD6IP), plays an important role in the endosomal sorting complexes required for transport (ESCRT) pathway in the abscission stage of cytokinesis and apoptosis. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the protein binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. It also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this protein and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death.

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