

ALIX Conjugated Antibody

Catalog No: #C49665



Package Size: #C49665-AF350 100ul #C49665-AF405 100ul #C49665-AF488 100ul
 #C49665-AF555 100ul #C49665-AF594 100ul #C49665-AF647 100ul
 #C49665-AF680 100ul #C49665-AF750 100ul #C49665-Biotin 100ul

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Description

Product Name	ALIX Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	AIP1 antibody ALG 2 interacting protein 1 antibody ALG-2-interacting protein 1 antibody ALG2 interacting protein X antibody Alix antibody Apoptosis linked gene 2 interacting protein X antibody Dopamine receptor interacting protein 4 antibody DRIP4 antibody Hp95 antibody KIAA1375 antibody MGC17003 antibody PDC6L_HUMAN antibody PDCD6 interacting protein antibody PDCD6-interacting protein antibody PDCD6IP antibody Programmed cell death 6 interacting protein antibody Programmed cell death 6-interacting protein antibody
Accession No.	Swiss-Prot#:Q8WUM4
Uniprot	Q8WUM4
GeneID	10015;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	96 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

ALG-2-interacting protein (Alix), also designated programmed cell death 6-interacting protein (PDCD6-interacting protein), is a cytoplasmic protein. Alix interacts with apoptosis-associated proteins (ALG-2 and PDCD6) and with the endocytosis-regulator CIN85. Additionally, Alix interacts with the endosomal sorting complexes required for transport (ESCRT) proteins (Tsg101 and CHMP4) and can associate with HIV-1. The endophilins (SH3P4, SH3P8 and SH3P13), enzymes that change curvature of the membrane that are required for early and late steps of coated vesicle formation, also bind to Alix. Alix is involved in the concentration and sorting of cargo proteins of the multivesicular body for incorporation into vesicles.

Note: This product is for in vitro research use only