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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-ALIX/PDCD6IP Antibody Picoband®(monoclonal, 14D10) PE Conjugated

Catalog Number: M01751-1-PE

About PDCD6IP

Programmed cell death 6-interacting protein is a protein that in humans is encoded by the PDCD6IP gene. This gene encodes a protein that functions within the ESCRT pathway in the abscission stage of cytokinesis, in intralumenal endosomal vesicle formation, and in enveloped virus budding. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Overview

Product Name	Anti-ALIX/PDCD6IP Antibody Picoband®(monoclonal, 14D10) PE Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Monoclonal 14D10
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Mouse
Uniprot ID	Q8WUM4

Technical Details

Immunogen	E.coli-derived human PDCD6IP recombinant protein (Position: A2-D330). Human PDCD6IP shares 96.7% and 95.2% amino acid (aa) sequence identity with mouse and rat PDCD6IP, respectively.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2b
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.

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Conjugate	PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

1 Publications Citing This Product

1. PubMed ID: 32400849, Cao G,Meng X, Han X,Li J.Exosomes derived from circRNA Rtn4-modified BMSCs attenuate TNF-alpha-induced cytotoxicity and apoptosis in murine MC3T3-E1 cells by sponging miR-146a.Biosci Rep.2020 May 29;40(5): BSR20193436.doi:10.1042/BSR20193436.PMID:32400849;PMC

Visit bosterbio.com/anti-alix-pdcd6ip-picoband-trade-antibody-monoclonal-m01751-1-boster.html to see all 1 publications.

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