

PDCD6IP Recombinant Antibody



RACO0423

Product Information

Size:

50ul

Reactivity:

Human, Rat

Source:

Homo sapiens (Human)

Isotype:

Rabbit IgG

Applications:

ELISA, WB, FC

Recommended dilutions:

WB:1:500-1:5000, FC:1:20-1:200

Protein Background:

Multifunctional protein involved in endocytosis, multivesicular body biogenesis, membrane repair, cytokinesis, apoptosis and maintenance of tight junction integrity. Class E VPS protein involved in concentration and sorting of cargo proteins of the multivesicular body (MVB) for incorporation into intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome. Binds to the phospholipid lysobisphosphatidic acid (LBPA) which is abundant in MVBs internal membranes. The MVB pathway requires the sequential function of ESCRT-O, -I, -II and -III complexes.

Gene ID:

PDCD6IP

Uniprot

Q8WUM4

Synonyms:

Programmed cell death 6-interacting protein (PDCD6-interacting protein) (ALG-2-interacting protein 1) (ALG-2-interacting protein X) (Hp95), PDCD6IP, AIP1 ALIX KIAA1375

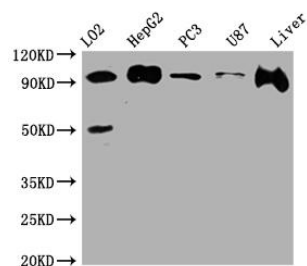
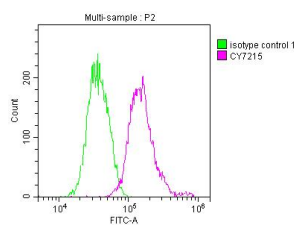
Immunogen:

A synthesized peptide derived from human ALIX.

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Overlay histogram showing Jurkat cells stained with RACO0423 (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody ($1\mu\text{g}$) 1×10^6 cells for 1 h at 4°C . The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4°C . Control antibody (green line) was Rabbit IgG ($1\mu\text{g}$) 1×10^6 cells used under the same conditions. Acquisition of $>10,000$ events was performed.

Western Blot

Positive WB detected in (L02 whole cell lysate) HepG2 whole cell lysate) PC-3 whole cell lysate) U-87 whole cell lysate) Rat Liver whole cell lysate) All lanes: ALIX antibody at 1:1000

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 97, 97, 31 kDa

Observed band size: 97 kDa