

Anti-PDPR Antibody Picoband® APC Conjugated

Catalog Number: A12185-APC

About PDPR

Pyruvate dehydrogenase phosphatase regulatory subunit is a protein that in humans is encoded by the PDPR gene. Pyruvate dehydrogenase complex (PDC) catalyzes the oxidative decarboxylation of pyruvate and links glycolysis to the tricarboxylic acid cycle and fatty acid synthesis. The dephosphorylation and reactivation of PDC is catalyzed by pyruvate dehydrogenase phosphatase (PDP). The dimeric PDP has a catalytic subunit and a regulatory subunit. This gene encodes the FAD-containing regulatory subunit of PDP. The encoded protein acts to decrease the sensitivity of the PDP catalytic subunit to magnesium ions. Alternative splicing results in multiple transcript variants encoding different isoforms.

Overview

Product Name	Anti-PDPR Antibody Picoband® APC Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q8NCN5

Technical Details

Immunogen	E.coli-derived human PDPR recombinant protein (Position: E155-E655). Human PDPR shares 94.4% amino acid (aa) sequence identity with mouse PDPR.
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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Anti-PDPR Antibody - APC

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