

Anti-PTCD1 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A13208-1-Fluoro594

About PTCD1

This gene encodes a mitochondrial protein that binds leucine tRNAs and other mitochondrial RNAs and plays a role in the regulation of translation. Increased expression of this gene results in decreased mitochondrial leucine tRNA levels. Naturally occurring read-through transcription exists between upstream ATP5J2 (ATP synthase, H⁺ transporting, mitochondrial Fo complex, subunit F2) and this gene.

Overview

Product Name	Anti-PTCD1 Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
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	O75127

Technical Details

Immunogen	E.coli-derived human PTCD1 recombinant protein (Position: D203-L601). Human PTCD1 shares 76.2% and 77.8% amino acid (aa) sequence identity with mouse and rat PTCD1, respectively.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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Anti-PTCD1 Antibody - Fluoro594

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