

Anti-PEX1 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A03025-2-Fluoro488

About PEX1

Predicted to enable several functions, including ATP binding activity; ATP hydrolysis activity; and ubiquitin-modified protein reader activity. Predicted to be involved in establishment of protein localization to peroxisome; microtubule-based peroxisome localization; and protein unfolding. Located in peroxisome. Used to study Zellweger syndrome. Human ortholog(s) of this gene implicated in Heimler syndrome 1; peroxisome biogenesis disorder 1A; and peroxisome biogenesis disorder 1B. Orthologous to human PEX1 (peroxisomal biogenesis factor 1).

Overview

Product Name	Anti-PEX1 Antibody Picoband® Fluoro488 Conjugated
Reactive Species	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% Na ₃ N.
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q5BL07

Technical Details

Immunogen	E.coli-derived mouse PEX1 recombinant protein (Position: R25-A1284). Mouse PEX1 shares 81.8% amino acid (aa) sequence identity with human PEX1.
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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