

Anti-ICMT Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A06174-1-Fluoro488

About ICMT

Protein-S-isoprenylcysteine O-methyltransferase is an enzyme that in humans is encoded by the ICMT gene. This gene encodes the third of three enzymes that posttranslationally modify isoprenylated C-terminal cysteine residues in certain proteins and target those proteins to the cell membrane. This enzyme localizes to the endoplasmic reticulum. Alternative splicing may result in other transcript variants, but the biological validity of those transcripts has not been determined.

Overview

Product Name	Anti-ICMT Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, 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	O60725

Technical Details

Immunogen	E.coli-derived human ICMT recombinant protein (Position: E13-L284). Human ICMT shares 96.3% and 95.2% amino acid (aa) sequence identity with mouse and rat ICMT, respectively.
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
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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