

Anti-RTL1 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A11807-Fluoro488

About RTL1

RTL1 (retrotransposon like 1) is a retrotransposon derived protein coding gene. This gene is a retrotransposon-derived, paternally expressed imprinted gene that is highly expressed at the late fetal stage in both the fetus and placenta. It has an overlapping maternally expressed antisense transcript, which contains several microRNAs targeting the transcripts of this gene through an RNA interference (RNAi) mechanism. This gene is essential for maintenance of the fetal capillaries.

Overview

Product Name	Anti-RTL1 Antibody Picoband® Fluoro488 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% Na 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	A6NKG5

Technical Details

Immunogen	E.coli-derived human RTL1 recombinant protein (Position: H446-R1327). Human RTL1 shares 68.3% amino acid (aa) sequence identity with mouse RTL1.
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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