

Anti-FCGRT Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9866-Fluoro594

About FCGRT

IgG receptor FcRn large subunit p51 is a protein that in humans is encoded by the FCGRT gene. This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. In addition, it is postulated that long-range cis inactivation of the FCGRT gene is responsible for hypercatabolism of IgG in myotonic dystrophy. The FCGRT gene is closely situated to the DMPK gene, which is mutant in DM.

Overview

Product Name	Anti-FCGRT Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human
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	P55899

Technical Details

Immunogen	E. coli-derived human FCGRT recombinant protein (Position: Q56-E291). Human FCGRT shares 70.2% and 68.9% amino acid (aa) sequence identity with mouse and rat FCGRT, respectively.
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
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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