

Anti-FCGR2A Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A01450-1-Fluoro488

About FCGR2A

Low affinity immunoglobulin gamma Fc region receptor II-a is a protein that in humans is encoded by the FCGR2A gene. This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. It is mapped to 1q23.3. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants.

Overview

Product Name	Anti-FCGR2A Antibody Picoband® Fluoro488 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB, ELISA (Cap)). 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	P12318

Technical Details

Immunogen	E. coli-derived human FCGR2A recombinant protein (Position: Q34-M210).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit 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.

1 Publications Citing This Product

1. PubMed ID: 10.1016/j.jaut.2017.09.002, Myelin oligodendrocyte glycoprotein-specific antibodies from multiple sclerosis patients exacerbate disease in a humanized mouse model

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