

Anti-FCGR1A Picoband Antibody

Catalog # ABO10249

Product Information

Application	WB, E
Primary Accession	P12314
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for FCGR1A detection. Tested with WB, Direct ELISA in Human;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	2209
Other Names	High affinity immunoglobulin gamma Fc receptor I, IgG Fc receptor I, Fc-gamma RI, FcRI, Fc-gamma RIA, FcgammaRIa, CD64, FCGR1A, FCG1, FCGR1, IGFR1
Calculated MW	42632
Application Details	Western blot, 0.1-0.5 µg/ml Direct ELISA, 0.1-0.5 µg/ml
Subcellular Localization	Cell membrane.
Tissue Specificity	Monocyte/macrophage specific.
Source	Eukaryota
Contents	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E. coli-derived human FCGR1A recombinant protein (Position: Q16-H292).
Cross Reactivity	No cross reactivity with other proteins.
Storage	At -20 °C; for one year. After r ° Constitution, at 4 °C; for one month. It ° Can also be aliquotted and stored frozen at -20 °C; for a longer time. Avoid repeated freezing and thawing.

Protein Information

Name	FCGR1A
Synonyms	FCG1, FCGR1, IGFR1
Function	High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses. Mediates IgG effector functions on monocytes triggering antibody-dependent cellular cytotoxicity (ADCC) of virus-infected cells.
Cellular Location	Cell membrane; Single-pass type I membrane protein Note=Stabilized at the cell membrane through interaction with FCER1G
Tissue Location	Monocyte/macrophage specific.

Background

High affinity immunoglobulin gamma Fc receptor I is a protein that in humans is encoded by the FCGR1A gene. It is mapped to 1q21.2. This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.

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