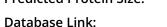


Product datasheet for TA420030

FCGR3A Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies Applications: ICC/IF, IHC, WB Recommended Dilution: WB.1:1000 - 1:2000 IHC-P,1:500 - 1:1000 IF,1:50 - 1:200 **Reactivity:** Human, Rat Host: Rabbit Isotype: lgG **Clonality:** Polyclonal Recombinant protein of human CD16. Immunogen: Formulation: Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3. Concentration: lot specific Purification: Affinity purification **Conjugation:** Unconjugated Storage: Store at -20°C. Avoid freeze / thaw cycles. Stability: Stable for 12 months from date of receipt. **Predicted Protein Size:** 29KDa/26KDa - Observed MW: 40-60kDa



P08637

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GRIGENE FCGR3A Rabbit Polyclonal Antibody – TA420030

Background: This gene encodes a receptor for the Fc portion of immunoglobulin G, and it is involved in the removal of antigen-antibody complexes from the circulation, as well as other responses, including antibody dependent cellular mediated cytotoxicity and antibody dependent enhancement of virus infections. This gene (FCGR3A) is highly similar to another nearby gene (FCGR3B) located on chromosome 1. The receptor encoded by this gene is expressed on natural killer (NK) cells as an integral membrane glycoprotein anchored through a transmembrane peptide, whereas FCGR3B is expressed on polymorphonuclear neutrophils (PMN) where the receptor is anchored through a phosphatidylinositol (PI) linkage. Mutations in this gene are associated with immunodeficiency 20, and have been linked to susceptibility to recurrent viral infections, susceptibility to systemic lupus erythematosus, and alloimmune neonatal neutropenia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Synonyms:

CD16; CD16-II; CD16A; FCG3; FCGR3; FCGRIII; FcGRIIIA; FCR-10; FCRIII; FCRIIIA; IGFR3; IMD20

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