



**Catalog Number:** GT15257

**Host:** Goat

**Product Type:** Goat IgG

**Species Reactivity:** Human

**Immunogen Sequence:** Mouse myeloma cell line NS0-derived recombinant human Fc gamma RII/CD32 Ala46-Pro217 Accession # P31994

**Format:** Liquid

**Applications:** Western Blot: 0.1 µg/mL  
Flow Cytometry: 2.5 µg/10<sup>6</sup> Cells  
Immunocytochemistry: 5-15 µg/mL

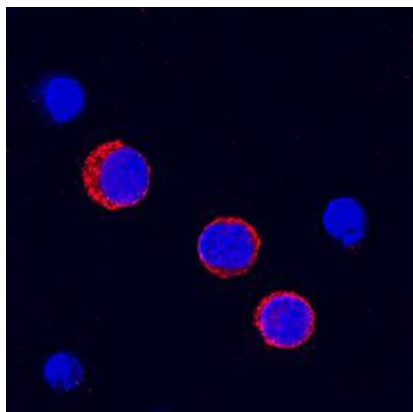
**Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.**

**Storage:** Antibody can be stored for 6 months -20° C to -70° C. The antibody can be stored at 2° - 8° C for 1 month. *Avoid repeated freeze-thaw cycles.*

### Description:

Detects human Fc gamma RII/CD32 in direct ELISAs and Western blots. In direct ELISAs, less than 10% cross-reactivity with recombinant mouse Fc gamma RIIB and rhFc gamma RIIB is observed. Receptors for the Fc region of IgG (Fc gamma Rs) are members of the Ig superfamily that function in the activation or inhibition of immune responses such as

degranulation, phagocytosis, ADCC (antibody-dependent cellular toxicity), cytokine release, and B cell proliferation (1-3). The Fc gamma Rs have been divided into three classes based on close relationships in their extracellular domains; these groups are designated Fc gamma RI (also known as CD64), Fc gamma RII (CD32), and Fc gamma RIII (CD16). Each group may be encoded by multiple genes and exist in different isoforms depending on species and cell type.



*Image: Fc gamma RII/CD32 was detected in immersion fixed human peripheral blood mononuclear cells (PBMCs) using Goat Anti-Human Fc gamma RII/CD32 Antigen Affinity-purified Polyclonal Antibody at 15 µg/mL for 3 hours at room temperature.*

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Neuromics 5325 West 74<sup>th</sup> Street, Suite 8 Edina, MN 55439  
phone 866-350-1500 fax 612-677-3976 e-mail: [pshuster@neuromics.com](mailto:pshuster@neuromics.com)