

Manufacturer/Supplier:

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Product name: Purified Anti-Human CD32 Monoclonal Antibody

Catalog: DL20894F

Synonyms: Low affinity immunoglobulin gamma Fc region
receptor II-b, FCGR2B, IgG Fc receptor
II-b, CDw32, Fc-gamma
RII-b, Fc-gamma-RIIb, FcRII-b, CD32, FCG2, IGFR2

Background: CD32 is a 40 kD polymorphic transmembrane glycoprotein also known as Fc γ RII and FCRII. It is an immunoglobulin superfamily member expressed on monocytes/macrophages, granulocytes, platelets and B cells. There are at least 6 isoforms of CD32 resulting from alternative mRNA splicing. CD32 mediates phagocytosis and oxidative burst in granulocytes, as well as platelet aggregation and immunomodulation. The extracellular domain of

CD32 binds to polymeric and aggregated IgG and immune complexes, while the intracellular domain has been reported to associate with SHP-1 (B1 isoform).

Form: Liquid

Isotype: Mouse IgG2b, κ

Size: 25 μ g/100 μ g

Host: Mouse

Reactivity: Human

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: Unconjugated

SwissProt: P31994

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.

Store at 2~8°C. Do not freeze.

This product is guaranteed up to one year from purchase.