

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD32 Monoclonal Antibody(Biotin  
Conjugated)

**Catalog:** DL20895F

**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 $\gamma$ 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,  $\kappa$

**Size:** 25 $\mu$ g/100 $\mu$ g

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:** 0.5 mg/mL

**Conjugation:** Biotin

**SwissProt:** P31994

**Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

### 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  $\mu\text{L}$  volume or 100  $\mu\text{L}$  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 and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.