

**Antibody Data**

|                      |                 |               |             |
|----------------------|-----------------|---------------|-------------|
| <b>Product SKU:</b>  | <b>AGEL1073</b> | <b>Clone:</b> | <b>IV-3</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |             |
| <b>Reactivity:</b>   | <b>Human</b>    |               |             |

**Important Note:**

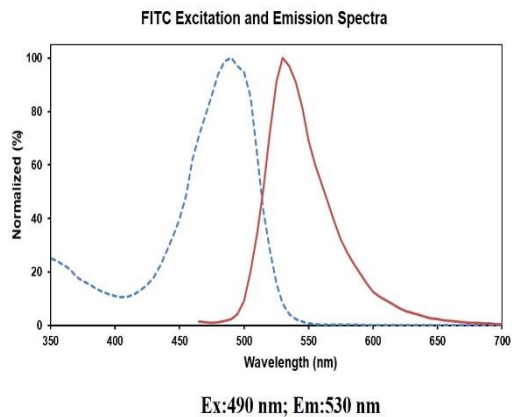
Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** 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;  
**Uniprot ID:** P31994

**Background:** CD32 is a 40 kD polymorphic transmembrane glycoprotein also known as FcγRII and FCR II. 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  
**Conjugation:** FITC  
**Size:** 20 Tests, 100 Tests, 200 Tests  
**Host Species:** Mouse  
**Isotype:** Mouse IgG2b, κ



**Isotype Control:** FITC Mouse IgG2b, κ Isotype Control[MPC-11] [Product AGEL1073]  
**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.  
**Shipping:** Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.