

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL0314</b>	<b>Clone:</b>	<b>10.1</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Human</b>		

**Important Note:**

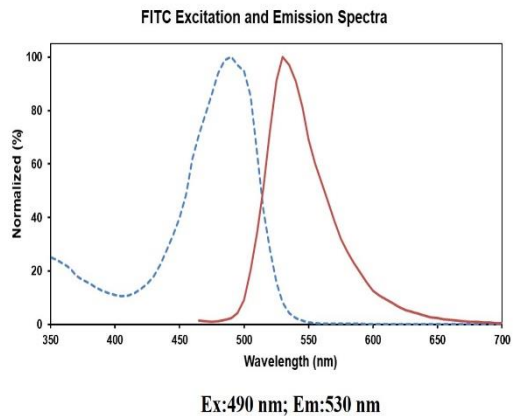
Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** Fc fragment of IgG high affinity Ia/b/c receptor;CD64A/B/C;CD64;Fc gamma RI;FCGR1A/B/C;IGFR 1;  
**Uniprot ID:** P12314

**Background:** CD64 is a 72 kD single chain type I glycoprotein also known as FcγRI and FcR I. CD64 is a member of the immunoglobulin superfamily and is expressed on monocytes/macrophages, dendritic cells, and activated granulocytes. The expression can be upregulated by IFN-γ stimulation. CD64 binds IgG immune complex. It plays a role in antigen capture, phagocytosis of IgG/antigen complexes, and antibody-dependent cellular cytotoxicity (ADCC).

**Form:** Liquid  
**Conjugation:** FITC  
**Size:** 20 Tests, 100 Tests, 200 Tests  
**Host Species:** Mouse  
**Isotype:** Mouse IgG1, κ



**Isotype Control:** FITC Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL0314]  
**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.

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