

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL2753</b>	<b>Clone:</b>	<b>X54-5/7.1</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** Fcg1;Fcgr1;FcRI;CD64;IgG Fc receptor I;

**Uniprot ID:** P26151

**Background:** CD64 is a 72 kD single chain type I glycoprotein also known as FcγRI and FcRI. CD64 is a member of the immunoglobulin superfamily and is expressed on monocytes/macrophages, dendritic cells, and mast cells. 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).

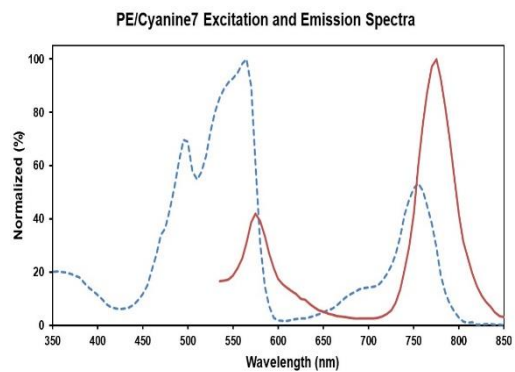
**Form:** Liquid

**Conjugation:** PE/Cyanine 7

**Size:** 25µg, 100µg

**Host Species:** Mouse

**Isotype:** Mouse IgG1, κ



Ex:495;565;755 nm; Em:775 nm

**Isotype Control:** PE/Cyanine7 Mouse IgG1, κ Isotype Control[MOPC-21] [Product AGEL2753]

**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. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10<sup>6</sup> cells in 100 µL volume].