

**PE/Cyanine5.5 Anti-Mouse F4/80  
Antibody [Cl:A3-1]  
Catalogue Code: AGEL0572**

**Antibody Data**

<b>Product SKU:</b>	<b>AGEL0572</b>	<b>Clone:</b>	<b>Cl:A3-1</b>
<b>Applications:</b>	<b>FCM</b>		
<b>Reactivity:</b>	<b>Mouse</b>		

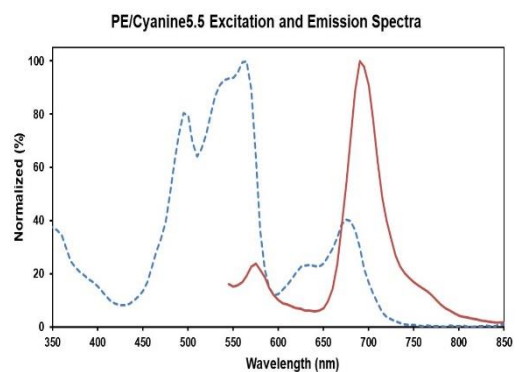
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** Adhesion G protein-coupled receptor E1;Adgre1;Cell surface glycoprotein F4/80;EGF-like module receptor 1;Adgre1;Emr1; Gpf480;  
**Uniprot ID:** Q61549  
**Background:** F4/80 is a 160 kD glycoprotein. It is characterized as a member of the epidermal growth factor (EGF)-transmembrane 7 (TM7) family. F4/80, also known as EMR1 or Ly71, has been widely used as a murine macrophage marker, which is expressed on the majority of tissue macrophages including peritoneal macrophages, macrophages in lung, gut, thymus and red pulp of spleen (but not on the macrophages located in T cell areas of the spleen, lymph node and Peyer's patch), Kuffer cells, Langerhans cells, and bone marrow stromal cells. F4/80 has also been shown on a subset of dendritic cells. The biological ligand of F4/80 has not been identified, but it has been reported that F4/80 is required for induction of CD8+ T cells-mediated peripheral tolerance.

**Form:** Liquid  
**Conjugation:** PE/Cyanine 5.5  
**Size:** 25µg, 100µg  
**Host Species:** Rat  
**Isotype:** Rat IgG2b, κ



Ex:495;565;675 nm; Em:690 nm

**Isotype Control:** PE/Cyanine5.5 Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL0572]  
**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].

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