Manufacturer/Supplier:
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Product name: Purified Anti-Mouse F4/80 Monoclonal Antibody
Catalog: DL20121F

Synonyms: Adhesion G protein-coupled receptor E1,Adgre1,Cell surface glycoprotein F4/80,EGF-like module receptor 1,Adgre1,Emr1, Gpf480

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

Isotype: Rat IgG2b, κ

Size: 25μg/100μg

Host: Rat

Reactivity: Mouse

Application: FCM, WB, IHC

Concentration: 0.5 mg/mL

Conjugation: Unconjugated

SwissProt: Q61549

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

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 ≤ 1.0 μg per 10^6cells in 100 μL volume or 100 μL 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℃. Do not freeze.

This product is guaranteed up to one year from purchase.