

Manufacturer/Supplier:

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Product name: Anti-Mouse F4/80 Monoclonal Antibody(PerCP
Conjugated)

Catalog: DL20126F

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: 20 Tests/50 Tests/100 Tests/500 Tests

Host: Rat

Reactivity: Mouse

Application: FCM

Concentration:

Conjugation: PerCP

SwissProt: Q61549

Buffer: PBS with 0.05% Proclin300, 1% BSA

Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please

check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data:

Mouse abdominal macrophages elicited by starch broth are stained with Anti-Mouse F4/80 Monoclonal Antibody(PercP Conjugated)(filled gray histogram). Unstained macrophages (blank black histogram) are used as control.

Storage:

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.