

Datasheet for ABIN7457849 **anti-F4/80 antibody**



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Overview

Quantity:	50 µg
Target:	F4/80 (EMR1)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This F4/80 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Functional Studies (Func), Depletion (Dep)

Product Details

Clone:	Cl:A3-1
Isotype:	IgG2b, kappa
Purification:	Purified
Sterility:	0.2 µm filtered
Endotoxin Level:	Low Endotoxin: Endotoxin level is < 2 EU/mg as Determined by LAL gel clotting assay.

Target Details

Target:	F4/80 (EMR1)
Alternative Name:	F4/80 (EMR1 Products)
Background:	Adhesion G protein-coupled receptor E1,Adgre1,Cell surface glycoprotein F4/80,EGF-like module receptor 1,Adgre1,Emr1, Gpf480,F4/80 is a 160 kD glycoprotein. It is characterized as a

Target Details

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.

Gene ID: 13733

UniProt: [Q61549](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Matching Isotype Control: AF/LE Purified Rat IgG2b, κ Isotype Control (ABIN7469855)

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS, pH 7.2. Azide Free (AF)/Low Endotoxin (LE)

Preservative: Azide free

Storage: 4 °C

Storage Comment: Store at 2~8°C. Do not freeze.