

Elab Fluor® Violet 610 Anti-Mouse F4/80 Antibody[Cl:A3-1]

Catalog Number: E-AB-F0995T

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

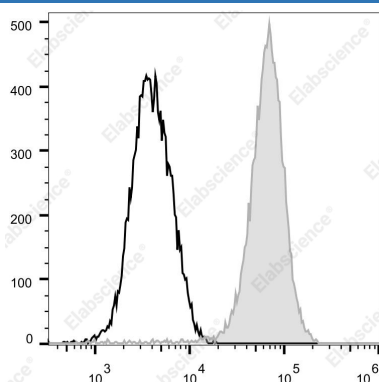
| | |
|--------------------------------|--|
| Reactivity | Mouse |
| Host | Rat |
| Isotype | Rat IgG2b, κ |
| Clone No. | Cl:A3-1 |
| Isotype Control | Elab Fluor® Violet 610 Rat IgG2b, κ Isotype Control[LTF-2] [Product E-AB-F09842T] |
| Conjugation | Elab Fluor® Violet 610 |
| Conjugation Information | Elab Fluor® Violet 610 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 613 nm (e.g., a 615/20 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

Applications

Recommended usage

| | |
|------------|--|
| FCM | Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. |
|------------|--|

Data



Staining of C57BL/6 murine abdominal macrophages with

Elab Fluor® Violet 610 Anti-Mouse F4/80[Cl:A3-1](filled gray histogram) or Elab Fluor® Violet 610 Rat IgG2b, κ Isotype Control(empty black histogram) . Total viable cells were used for analysis.

Preparation & Storage

| | |
|-----------------|---|
| Storage | Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze. |
| Shipping | Ice bag |

Antigen Information

| | |
|------------------------|--|
| Alternate Names | Gpf480;Adgre1;Adhesion G protein-coupled receptor E1;Cell surface glycoprotein F4/80;EGF-like module receptor 1;Emr1 |
|------------------------|--|

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.7

Uniprot ID

Q61549

Gene ID

13733

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.

For Research Use Only

Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

Rev. V1.7