

Elab Fluor® 700 Anti-Human CD206/MMR Antibody[15-2]

Catalog Number: E-AB-F1161M1

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

Description

| | |
|--------------------------------|--|
| Reactivity | Human |
| Host | Mouse |
| Isotype | Mouse IgG1, κ |
| Clone No. | 15-2 |
| Isotype Control | Elab Fluor® 700 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792M1] |
| Conjugation | Elab Fluor® 700 |
| Conjugation Information | Elab Fluor® 700 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 719 nm (e.g., a 725/40 nm bandpass filter). |
| Storage Buffer | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |

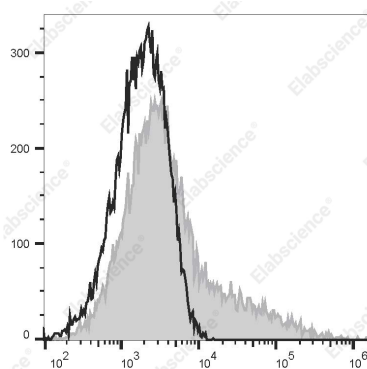
Applications

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 the 293T cells transfected with pcDNA3.1 plasmid encoding Human CD206/MMR gene with Elab Fluor® 700 Anti-Human CD206/MMR Antibody[15-2](filled gray histogram) or Elab Fluor® 700 Mouse IgG1, 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 | CLEC13D;CLEC13DL;MMR;MRC1L1;hMR |
|------------------------|---------------------------------|

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. V1.6

Uniprot ID

P22897

Gene ID

4360

Background

Macrophage mannose receptor (MMR) is a 162-175 kD type I membrane protein also known as CD206, MRC1, or mannose receptor (MR). It is a pattern recognition receptor (PRR) that belongs to C-type lectin superfamily. MMR is expressed on macrophages, dendritic cells, and hepatic or lymphatic endothelial cells, but not on monocytes. MMR recognizes a range of microbial carbohydrates bearing mannose, fucose, or N-acetyl glucosamine. MMR mediates endocytosis and phagocytosis, induces activation of macrophages and antigen presentation, plays an important role in host defense, and provides a link between innate and adaptive immunity.

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