



# **MRC1 (Macrophage Mannose Receptor 1, MMR, C-type Lectin Domain Family 13 Member D, C-type Lectin Domain Family 13 Member D-like, Macrophage Mannose Receptor 1-like Protein 1, CD206, CLEC13D, CLEC13DL, MRC1L1) (PE)**

## **Catalog number**

M2256-01M

## **Supplier**

United States Biological

MMR, also known as CD206 and MRC1, is a 175kD scavenger receptor that belongs to the C-type lectin protein family. MMR is expressed on tissue macrophages, myeloid dendritic cells, and liver and lymphatic endothelial cells. The extracellular region of MMR is composed of an N-terminal cysteine-rich domain, one fibronectin type II repeat, and eight C-type lectin carbohydrate recognition domains. MMR mediates the phagocytosis of sulfated N-acetylgalactosamine-containing molecules including those found on a variety of microorganisms. Within the extracellular region, mouse MMR shares 83% and 92% aa sequence identity with human and rat MMR.

## **Applications**

Suitable for use in Flow Cytometry. Other applications not tested.

## **Recommended Dilution**

Optimal dilutions to be determined by the researcher.

## **Excitation**

488nm

## **Emission**

565-605nm

## **Storage and Stability**

May be stored at 4°C before opening. DO NOT FREEZE! Stable at 4°C as an undiluted liquid. Dilute only prior to immediate use. Stable for 12 months at 4°C. Freezing R-Phycoerythrin (PE) conjugates will result in a substantial loss of activity. PE conjugates are sensitive to light.

## **Immunogen**

Recombinant corresponding to aa19-1383 from human MRC1 extracellular domain expressed in NSO cell line.

## **Formulation**

Supplied as a liquid in saline, 0.5% BSA, 0.09% sodium azide. Labeled with R-Phycoerythrin (PE).

## **Purity**

Purified by Protein G affinity chromatography.

**Specificity**

Recognizes human MRC1. Species sequence homology: Human (83%) and rat (92%).

**Product Type**

Mab

**Source**

human

**Isotype**

IgG2a

**Grade**

Affinity Purified

**Applications**

FC

**Crossreactivity**

Hu

**Storage**

4°C Do Not Freeze

**Detection Method**

PE