For Research Use Only

FcZero-rAb™ CoraLite® Plus 488 Anti-Mouse CD206 Rabbit Recombinant Antibody



Purification Method:

Protein A purification

Recommended Dilutions:

Excitation/Emission maxima

FC: 0.25 ug per 10^6 cells in a 100 μ l

CloneNo.:

240344D12

suspension

wavelengths:

493 nm / 522 nm

Catalog Number: CL488-FcA98031

Basic Information

Catalog Number: GenBank Accession Number:
CL488-FcA98031 NM_008625.2
Concentration: GeneID (NCBI):
100ug, 500 ug/ml 17533
Source: UNIPROT ID:

Rabbit Q2HZ94
Isotype: Full Name:

gG mannose receptor, C type 1

Immunogen Catalog Number: Calculated MW: EG0790 165 kDa

Positive Controls:

FC: mouse peritoneal macrophages,

Applications

Tested Applications: FC

Species Specificity:

mouse

Background Information

CD206, also named as MMR, CLEC13D and MRC1, is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. CD206 has been shown to bind high-mannose structures on the surface of potentially pathogenic viruses, bacteria, and fungi so that they can be neutralized by phagocytic engulfment. CD206 is a 170 kDa transmembrane protein which contains 5 domains: an amino-terminal cysteine-rich region, a fibronectin type II repeat, a series of eight tandem lectin-like carbohydrate recognition domains (responsible for the recognition of mannose and fucose), a transmembrane domain, and an intracellular carboxy-terminal tail. It is expressed on most tissue macrophages, in vitro derived dendritic cells, lymphatic and sinusoidal endothelia.

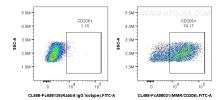
Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment. Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

Selected Validation Data



1x10^6 mouse peritoneal macrophages were surface stained with 0.25 ug Coralite® Plus 488 Anti-Mouse CD206 Rabbit RecAb (CL488-FcA98031, Clone: 240344D12) or 0.25 ug FcZero-rAb™ Coralite® Plus 488 Rabbit 1gG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9). Cells were not fixed.