For Research Use Only

FcZero-rAb™ CoraLite®594 Anti-Mouse CD206 Rabbit Recombinant Antibody

Catalog Number: CL594-FcA98031



Purification Method:

Protein A purification

Basic Information

Catalog Number: GenBank Accession Number: CL594-FcA98031 NM_008625.2

Concentration: GeneID (NCBI): CloneNo.: 100ug, 500 ug/ml 17533 240344D12

UNIPROT ID: Source: Recommended Dilutions:

Rabbit Q2HZ94 FC: 0.25 ug per 10^6 cells in a 100 μ l

suspension Isotype: Full Name:

mannose receptor, C type 1 Excitation/Emission maxima wavelengths:

Calculated MW: Immunogen Catalog Number: EG0790 165 kDa

Applications

Tested Applications:

Species Specificity:

mouse

Positive Controls:

FC: mouse peritoneal macrophages,

588 nm / 604 nm

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

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 FcZero-rAb™ APC Anti-Mouse CD11b, and 0.25 ug CoraLite®594 Anti-Mouse CD206 Rabbit RecAb (CL594-FcA98031, Clone: 240344D12) or 0.25 ug CoraLite®594 Rabbit IgG Isotype Control RecAb (CL594-FcA98136, Clone: 240953C9). Cells were not fixed.