For Research Use Only

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

Catalog Number:CL594-FcA98031

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FcZero-rAb
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## Basic Information

Catalog Number:
CL594-FcA98031

Size:
100ug , 500 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0790

GenBank Accession Number:
NM_008625.2

GeneID (NCBI):
17533

UNIPROT ID:
Q2HZ94

Full Name:
mannose receptor, C type 1

Calculated MW:
165 kDa

Purification Method:
Protein A purification

CloneNo.:
240344D12

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

## Applications

Tested Applications:
FC

Species Specificity:
mouse

Positive Controls:

FC : mouse peritoneal macrophages,

## 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.

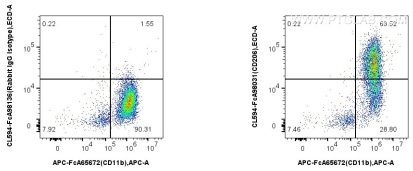
## Storage

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

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## 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.