

For Research Use Only

FcZero-rAb® CoraLite® Plus 488 Anti-Mouse CD14 Rabbit Recombinant Antibody

Catalog Number: **CL488-FcA98020**



Basic Information

Catalog Number:

CL488-FcA98020

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0847

GenBank Accession Number:

NM_009841.4

GeneID (NCBI):

12475

UNIPROT ID:

P10810

Full Name:

CD14 antigen

Calculated MW:

39 kDa

Purification Method:

Protein A purification

CloneNo.:

240225C2

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse peritoneal macrophages,

Background Information

CD14 is a 50-55 kDa glycosylphosphatidylinositol-anchored glycoprotein preferentially expressed on monocytes and macrophages, and at lower levels on granulocytes (PMID: 3385210; 2462937; 7685797). CD14 can also exist as a soluble protein. CD14 acts as a co-receptor for bacterial liposaccharides (LPS) (PMID: 1698311). It plays a major role in the inflammatory response of monocytes to LPS.

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:

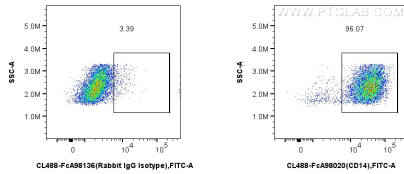
T: 4006900926

E: Proteintech-CN@ptglab.com

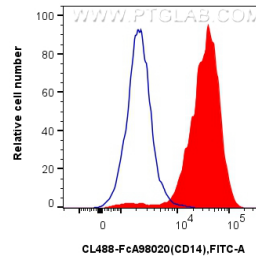
W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Mouse CD14 Rabbit RecAb (CL488-FcA98020, Clone: 240225C2) or 0.25 ug FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse peritoneal macrophages were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Mouse CD14 Rabbit RecAb (CL488-FcA98020, Clone: 240225C2) (red) or 0.25 ug FcZero-rAb® CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.