

For Research Use Only

# CoraLite® Plus 647 Anti-Mouse CD14 Rabbit Recombinant Antibody



Catalog Number:CL647-98020

## Basic Information

Catalog Number:

CL647-98020

Size:

100ug, 500 µg/ml

Source:

Rabbit

Isotype:

IgG

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

Excitation/Emission maxima  
wavelengths:

654 nm / 674 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

## 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.

Storage Buffer:

PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

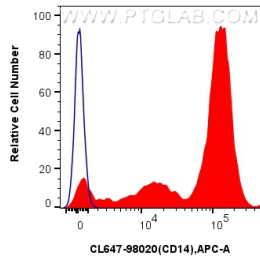
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



1x10<sup>6</sup> mouse peritoneal macrophages were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Mouse CD14 Rabbit Recombinant Antibody (CL647-98020, Clone: 240225C2) (red), or Isotype Control (blue). Cells were not fixed.