For Research Use Only

# CoraLite®594 Anti-Human CD14 Rabbit Recombinant Antibody

Catalog Number:CL594-98040

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Antibodies | ELISA kits | Proteins
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## Basic Information

Catalog Number:
CL594-98040

Concentration:
100tests, 5 ul/test

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0498

GenBank Accession Number:
BC010507

GeneID (NCBI):
929

ENSEMBL Gene ID:
ENSG00000170458

UNIPROT ID:
P08571

Full Name:
CD14 molecule

Calculated MW:
375 aa, 40 kDa

Purification Method:
Protein A purification

CloneNo.:
230332D7

Recommended Dilutions:
FC: 5 ul per 10^6 cells in 100 μl suspension

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

## Applications

Tested Applications:
FC

Species Specificity:
human, cynomolgus monkey

Positive Controls:

FC : human PBMCs,

## 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.

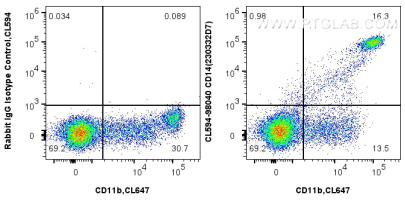
## Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

## Selected Validation Data




1x10^6 human PBMCs were surface stained with 5 ul CoraLite® Plus 594 Anti-Human CD14 Rabbit Recombinant Antibody (CL594-98040, Clone:230332D7) or Isotype control. Cells were co-stained with CoraLite® Plus 647 Anti-Human CD11b. Cells were not fixed.