For Research Use Only

## CoraLite® Plus 488 Anti-Human CD14 Rabbit Recombinant Antibody

Catalog Number: CL488-98040



**Basic Information** 

Catalog Number:

CL488-98040

Size:

100tests, 5 ul/test

Source: Rabbit

Isotype:

GenBank Accession Number:

BC010507

GeneID (NCBI):

ENSEMBL Gene ID:

ENSG00000170458

UNIPROT ID: P08571

Full Name: CD14 molecule

Calculated MW: 375 aa, 40 kDa

**Purification Method:** 

Protein A purification

CloneNo.: 230332D7

Excitation/Emission maxima

wavelengths: 493 nm / 522 nm

**Applications** 

**Tested Applications:** 

Species Specificity:

human

## **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

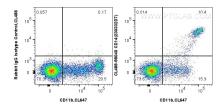
Storage:

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.

## Selected Validation Data



1x10^6 human PBMCs were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD14 Rabbit Recombinant Antibody (CL488-98040, Clone: 230332D7) or Isotype control. Cells were co-stained with CoraLite® Plus 647 Anti-Human CD11b. Cells were not fixed.