For Research Use Only

PE Anti-Human CD14 Rabbit Recombinant Antibody

Catalog Number: PE-98040



Basic Information

Catalog Number:

PE-98040

Size:

100 tests , 5 μ l/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:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

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

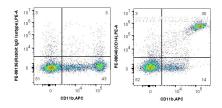
Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

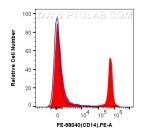
Storage Buffer

PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data



1x10^6 human PBMCs were surface stained with APC Anti-Human CD11b and 5 ul PE Anti-Human CD14 Rabbit Recombinant Antibody (PE-98040, Clone: 230332D7) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.



1x10^6 human PBMCs were surface stained with 5 ul PE Anti-Human CD14 Rabbit Recombinant Antibody (PE-98040, Clone: 230332D7) (red) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-98136, Clone: 240953C9) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.