FcZero-rAb™ PerCP Anti-Human CD14 Rabbit Recombinant Antibody

Catalog Number:CP-FcA98040

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Antibodies | ELISA kits | Proteins
FcZero-rAb
www.ptglab.com

Basic Information

Catalog Number:
CP-FcA98040

Size:
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 a 100 μl suspension

Excitation/Emission maxima wavelengths:
482 nm / 677 nm

Applications

Tested Applications:
FC

Species Specificity:
human, monkey, non-human primates

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℃. Avoid exposure to light. Stable for one year after shipment.
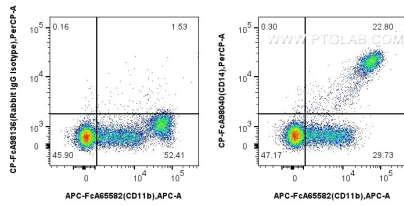Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

Selected Validation Data

1x10^6 human PBMCs were surface stained with FcZero-rAb™ APC Anti-Human CD11b (ICRF44), and 5 ul PerCP Anti-Human CD14 Rabbit RecAb (CP-FcA98040, Clone: 230332D7) or FcZero-rAb™ PerCP Rabbit IgG Isotype Control Recombinant Antibody (CP-FcA98136, Clone: 240953C9). Cells were not fixed.
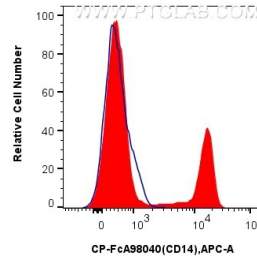
1x10^6 human PBMCs were surface stained with 5 ul PerCP Anti-Human CD14 Rabbit RecAb (CP-FcA98040, Clone: 230332D7) (red) or FcZero-rAb™ PerCP Rabbit IgG Isotype Control Recombinant Antibody (CP-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.