For Research Use Only

FcZero-rAb® APC-Cyanine7 Anti-Human CD14 Rabbit Recombinant Antibody

Catalog Number:AY7-FcA98040

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
AY7-FcA98040

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 a 100 µl suspension

Excitation/Emission maxima wavelengths:
650 nm / 778 nm

Applications

Tested Applications:
FC

Species Specificity:
human, monkey, non-human primates

Positive Controls:

FC : human PBMCs,

Background Information

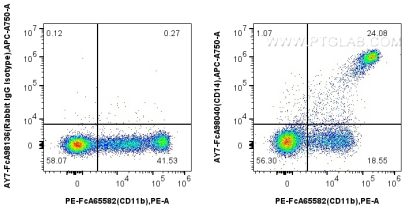
CD14 is a 50-55 kDa glycosylphosphatidylinositol-anchored glycoprotein preferentially expressed on monocytes and macrophages, and at lower levels on granulocytes (PMID: 3385210; 2462937; 7685797). CD14 can also exist as a soluble protein. CD14 acts as a co-receptor for bacterial liposaccharides (LPS) (PMID: 1698311). It plays a major role in the inflammatory response of monocytes to LPS.

Storage

Storage:
Store at 2-8°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

Selected Validation Data



1x10^6 human PBMCs were surface stained with FcZero-rAb™ PE Anti-Human CD11b (ICRF44), and 5 ul APC-Cyanine7 Anti-Human CD14 Rabbit RecAb (AY7-FcA98040, Clone: 230332D7) or FcZero-rAb™ APC-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (AY7-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking prior to staining. Cells were not fixed.