

For Research Use Only

FcZero-rAb™ Biotin Anti-Human CD14 (26IC) Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA65616



Basic Information

Catalog Number:

Biotin-FcA65616

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

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.:

26IC

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

-

Applications

Tested Applications:

FC

Species Specificity:

human

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, pH7.3

For technical support and original validation data for this product please contact:

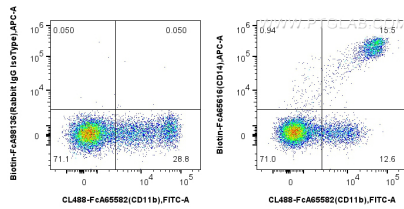
T: 4006900926

E: Proteintech-CN@ptglab.com

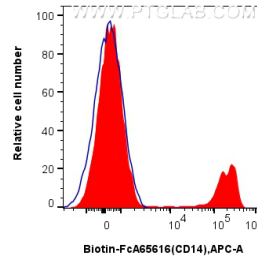
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD14 (261C) Rabbit IgG RecAb (Biotin-FcA65616, Clone: 261C) or Rabbit IgG Isotype Control RecAb (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-APC Conjugate (APC-PF00030). Cells were co-stained with 5 ul FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD11b (ICRF44) Rabbit IgG Recombinant Antibody (CL488-FcA65582, Clone: ICRF44). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD14 (261C) Rabbit IgG RecAb (Biotin-FcA65616, Clone: 261C) (red) or Rabbit IgG Isotype Control RecAb (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-APC Conjugate (APC-PF00030). Cells were not fixed.