

For Research Use Only

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

Catalog Number: CP-FcA98040



## Basic Information

|                                  |                           |                                  |  |
|----------------------------------|---------------------------|----------------------------------|--|
| <b>Catalog Number:</b>           | CP-FcA98040               | <b>GenBank Accession Number:</b> | <b>Purification Method:</b>                                |
| <b>Concentration:</b>            | 100 tests, 5 $\mu$ l/test | <b>GenID (NCBI):</b>             | <b>Protein A purification</b>                              |
| <b>Source:</b>                   | Rabbit                    | <b>ENSEMBL Gene ID:</b>          | <b>Clone No.:</b>  |
| <b>Isotype:</b>                  | IgG                       | <b>UNIPROT ID:</b>               | 230332D7   |
| <b>Immunogen Catalog Number:</b> | EG0498                    | <b>Full Name:</b>                | <b>Recommended Dilutions:</b>                              |
|                                  |                           | CD14 molecule                    | FC: 5 $\mu$ l per $10^6$ cells in a 100 $\mu$ l suspension |
|                                  |                           | <b>Calculated MW:</b>            | <b>Excitation/Emission maxima wavelengths:</b>             |
|                                  |                           | 375 aa, 40 kDa                   | 482 nm / 677 nm  |

## Applications

|                             |                           |
|-----------------------------|---------------------------|
| <b>Tested Applications:</b> | <b>Positive Controls:</b> |
| FC                          | FC : human PBMCs,         |
| <b>Species Specificity:</b> |                           |

human, monkey, non-human primates

## 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:

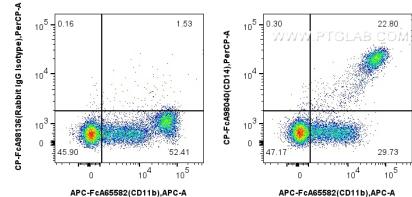
T: 4006900926

E: Proteintech-CN@ptglab.com

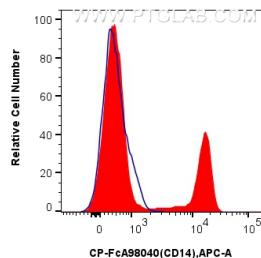
W: ptgcn.com

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with FcZero-rAb™ APC Anti-Human CD11b (ICRF44), and 5  $\mu$ l 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<sup>6</sup> human PBMCs were surface stained with 5  $\mu$ l 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.