

For Research Use Only

# FcZero-rAb™ CoraLite® Plus 647 Anti-Human CD14 (26IC) Rabbit Recombinant Antibody

Catalog Number: CL647-FcA65616



## Basic Information

|                 |                      |                           |                 |   |   |
|-----------------|----------------------|---------------------------|-----------------|---|---|
| Catalog Number: | CL647-FcA65616       | GenBank Accession Number: | BC010507        | Purification Method:                    | Protein A purification                                    |
| Concentration:  | 100 tests, 5 µl/test | GeneID (NCBI):            | 929             | Clone No.:                              | 26IC  |
| Source:         | Rabbit               | ENSEMBL Gene ID:          | ENSG00000170458 | Recommended Dilutions:                  | FC: 5 µl per 10 <sup>6</sup> cells in a 100 µl suspension |
| Isotype:        | IgG                  | UNIPROT ID:               | P08571          | Excitation/Emission maxima wavelengths: | 654 nm / 674 nm   |
|                 |                      | Full Name:                | CD14 molecule   |   |   |
|                 |                      | Calculated MW:            | 375 aa, 40 kDa  |   |   |

## Applications

|                      |                    |
|----------------------|--------------------|
| Tested Applications: | Positive Controls: |
| FC                   | FC : human PBMCs,  |
| 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, pH7.3

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

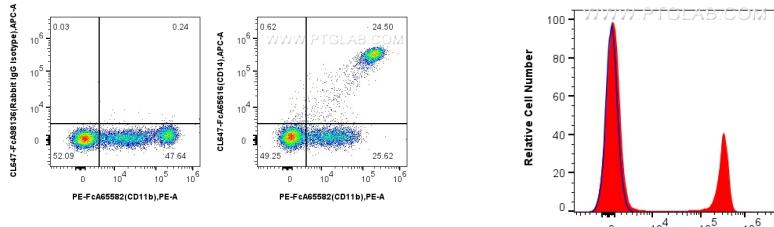
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with FcZero-rAb™ PE Anti-Human CD11b (ICRF44), and 5  $\mu$ l CoraLite® Plus 647 Anti-Human CD14 (261C) Rabbit RecAb (CL647-FcA65616, Clone:261C) or FcZero-rAb™ CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9). Cells were not fixed.

1x10<sup>6</sup> human PBMCs were surface stained with 5  $\mu$ l CoraLite® Plus 647 Anti-Human CD14 (261C) Rabbit RecAb (CL647-FcA65616, Clone:261C)(red) or FcZero-rAb™ CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9)(blue). Cells were not fixed.