

For Research Use Only

# FcZero-rAb™ CoraLite® Plus 594 Anti-Human CD14 (26IC) Rabbit IgG Recombinant Antibody

Catalog Number:**CL594-FcA65616**



## Basic Information

<b>Catalog Number:</b>	CL594-FcA65616	<b>GenBank Accession Number:</b>	<b>Purification Method:</b>
<b>Size:</b>	100 tests, 5 µl/test	<b>GenelD (NCBI):</b>	<b>Protein A purification</b>
<b>Source:</b>	Rabbit	<b>ENSEMBL Gene ID:</b>	<b>CloneNo.:</b>
<b>Isotype:</b>	IgG	<b>UNIPROT ID:</b>	26IC
		<b>Full Name:</b>	<b>Recommended Dilutions:</b>
		CD14 molecule	FC: 5 µl per 10 <sup>6</sup> cells in a 100 µl suspension
		<b>Calculated MW:</b>	<b>Excitation/Emission maxima wavelengths:</b>
		375 aa, 40 kDa	588 nm / 604 nm

## Applications

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

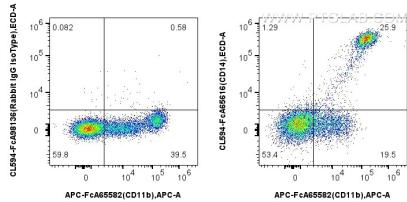
## Storage

**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

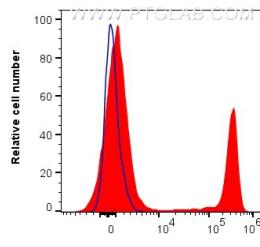
For technical support and original validation data for this product please contact:  
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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 APC Anti-Human CD11b (ICRF44), and 5 ul CoraLite® Plus 594 Anti-Human CD14 (261C) Rabbit IgG RecAb (CL594-FcA65616, Clone: 261C) or Rabbit IgG Isotype Control RecAb (CL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul CoraLite® Plus 594 Anti-Human CD14 (261C) Rabbit IgG RecAb (CL594-FcA65616, Clone: 261C) (red) or Rabbit IgG Isotype Control RecAb (CL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.