

For Research Use Only

# FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD14 (26IC) Rabbit Recombinant Antibody

Catalog Number:**CL488-FcA65616**



## Basic Information

<b>Catalog Number:</b>	CL488-FcA65616	<b>GenBank Accession Number:</b>	<b>Purification Method:</b>
<b>Concentration:</b>	100 tests, 5 $\mu$ l/test	<b>GenID (NCBI):</b>	Protein A purification
<b>Source:</b>	Rabbit	<b>ENSEMBL Gene ID:</b>	<b>CloneNo.:</b>
<b>Isotype:</b>	IgG	<b>ENSG00000170458</b>	26IC
		<b>UNIPROT ID:</b>	<b>Recommended Dilutions:</b>
		P08571	FC: 5 $\mu$ l per $10^6$ cells in a 100 $\mu$ l suspension
		<b>Full Name:</b>	<b>Excitation/Emission maxima wavelengths:</b>
		CD14 molecule	493 nm / 522 nm
		<b>Calculated MW:</b>	
		375 aa, 40 kDa	

## Applications

<b>Tested Applications:</b>	<b>Positive Controls:</b>
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:

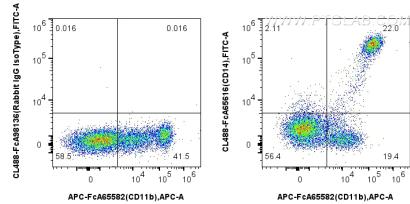
T: 4006900926

E: Proteintech-CN@ptglab.com

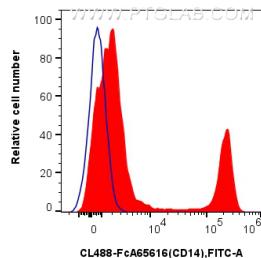
W: ptgcn.com

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with APC Anti-Human CD11b (ICRF44) and 5 ul CoraLite® Plus 488 Anti-Human CD14 (261C) Rabbit IgG RecAb (CL488-FcA65616, Clone:261C), or 5 ul Rabbit IgG Isotype Control RecAb (CL488-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD14 (261C) Rabbit IgG RecAb (CL488-FcA65616, Clone:261C) (red), or 5 ul Rabbit IgG Isotype Control RecAb (CL488-FcA98136, Clone: 240953C9)(blue). Cells were not fixed.