

For Research Use Only

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

Catalog Number: Biotin-FcA65616



## Basic Information

Catalog Number:	Biotin-FcA65616	GenBank Accession Number:	BC010507	Purification Method:	Protein A purification
Size:	100ug , 500 ug/ml	GenID (NCBI):	929	CloneNo.:	26IC
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000170458	Recommended Dilutions:	FC: 0.25 ug per 10 <sup>6</sup> cells in a 100 µl suspension
Isotype:	IgG	UNIPROT ID:	P08571	Excitation/Emission maxima wavelengths:	-
		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.

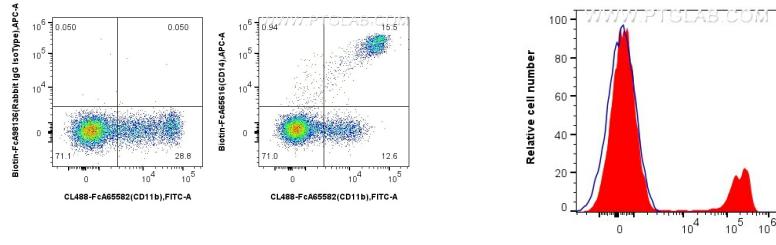
## Storage

**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.09% sodium azide, 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

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD14 (26IC) Rabbit IgG RecAb (Biotin-FcA65616, Clone: 26IC) or Rabbit IgG Isotype Control RecAb (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-APC Conjugate (APC-PF00030). Cells were co-stained with 5  $\mu$ g FcZero-rAb™ Coralite® Plus 488 Anti-Human CD11b (ICRF44) Rabbit IgG Recombinant Antibody (CL488-FcA65582, Clone: ICRF44). Cells were not fixed.

1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD14 (26IC) Rabbit IgG RecAb (Biotin-FcA65616, Clone: 26IC) (red) or Rabbit IgG Isotype Control RecAb (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-APC Conjugate (APC-PF00030). Cells were not fixed.