

For Research Use Only

FcZero-rAb™ Biotin Anti-Human CD14 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98040



Basic Information

Catalog Number:	Biotin-FcA98040	GenBank Accession Number:	BC010507	Purification Method:	Protein A purification
Size:	100ug , 500 ug/ml	GeneID (NCBI):	929	CloneNo.:	230332D7
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000170458	Recommended Dilutions:	FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG	UNIPROT ID:	P08571	Excitation/Emission maxima wavelengths:	-
Immunogen Catalog Number:	EG0498	Full Name:	CD14 molecule		
		Calculated MW:	375 aa, 40 kDa		

Applications

Tested Applications:	Positive Controls:
FC, ELISA	FC : human PBMCs,
Species Specificity:	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.

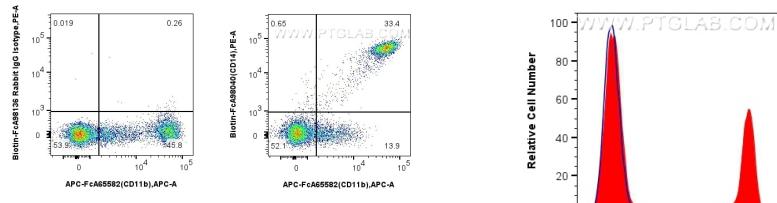
Storage

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



1x10⁶ human PBMCs were surface stained with 0.25 ug FcZero-rAb™ Biotin Anti-Human CD14 Rabbit RecAb (Biotin-FcA98040, Clone: 230332D7) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with FcZero-rAb™ APC Anti-Human CD11b (ICRF44) Rabbit IgG Recombinant Antibody (APC-FcA65582, Clone: ICRF44). Cells were not fixed.

1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD14 Rabbit RecAb (Biotin-FcA98040, Clone: 230332D7) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.