

For Research Use Only

FcZero-rAb™ PE-Cyanine5.5 Anti-Human CD14 (26IC) Rabbit Recombinant Antibody

Catalog Number: PY5P5-FcA65616



Basic Information

Catalog Number:	PY5P5-FcA65616	GenBank Accession Number:	BC010507	Purification Method:
Size:	100 tests, 5 µl/test	GeneID (NCBI):	929	Protein A purification
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000170458	Clone No.:
Isotype:	IgG	UNIPROT ID:	P08571	26IC
		Full Name:	CD14 molecule	Recommended Dilutions:
		Calculated MW:	375 aa, 40 kDa	FC: 5 µl per 10 ⁶ cells in a 100 µl suspension
				Excitation/Emission maxima wavelengths:
				496 nm, 565 nm / 692 nm

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.

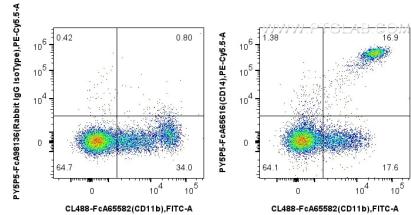
Storage

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

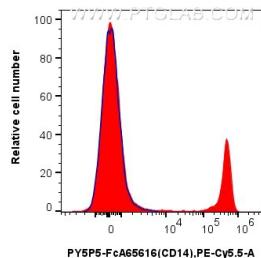
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

Selected Validation Data



1×10^6 human PBMCs were surface stained with Coralite® Plus 488 Anti-Human CD11b (ICRF44), and 5 μ l PE-Cyanine5.5 Anti-Human CD14 (26IC) Rabbit IgG RecAb (PY5P5-FcA65616, Clone: 26IC) or 5 μ l Rabbit IgG Isotype Control RecAb (PY5P5-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.



1×10^6 human PBMCs were surface stained with 5 μ l PE-Cyanine5.5 Anti-Human CD14 (26IC) Rabbit IgG RecAb (PY5P5-FcA65616, Clone: 26IC) (red), or Rabbit IgG Isotype Control RecAb (PY5P5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.