

For Research Use Only

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

Catalog Number: PY5-FcA65616



Basic Information

Catalog Number:	PY5-FcA65616	GenBank Accession Number:	BC010507	Purification Method:	Protein A purification
Concentration:	100 tests, 5 μ l/test	GeneID (NCBI):	929	Clone No.:	26IC
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000170458	Recommended Dilutions:	FC: 5 μ l per 10^6 cells in a 100 μ l suspension
Isotype:	IgG	UNIPROT ID:	P08571	Excitation/Emission maxima wavelengths:	496 nm, 565 nm / 666 nm
		Full Name:	CD14 molecule		
		Calculated MW:	375 aa, 40 kDa		

Applications

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

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:

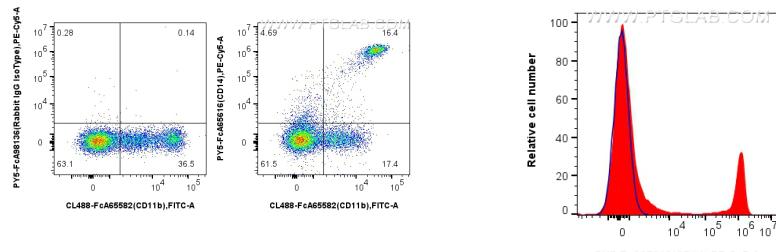
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with Coralite® Plus 488 Anti-Human CD11b (ICRF44), and 5 μ l PE-Cyanine5 Anti-Human CD14 (261C) Rabbit IgG RecAb (PY5-FcA65616, Clone: 261C) or Rabbit IgG Isotype Control RecAb (PY5-FcA98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.

1x10⁶ human PBMCs were surface stained with 5 μ l PE-Cyanine5 Anti-Human CD14 (261C) Rabbit IgG RecAb (PY5-FcA65616, Clone: 261C) (red) or Rabbit IgG Isotype Control RecAb (PY5-FcA98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.