

For Research Use Only

FcZero-rAb® PE Anti-Human CD14 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98040



Basic Information

Catalog Number: PE-FcA98040	GenBank Accession Number: BC010507	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 929	CloneNo.: 230332D7
Source: Rabbit	ENSEMBL Gene ID: ENSG00000170458	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in 100 μ l suspension
Isotype: IgG	UNIPROT ID: P08571	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Immunogen Catalog Number: EG0498	Full Name: CD14 molecule	
	Calculated MW: 375 aa, 40 kDa	

Applications

Tested Applications: FC	Positive Controls: 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 and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:

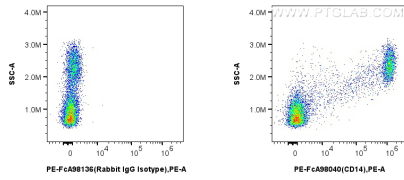
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul PE Anti-Human CD14 Rabbit Recombinant Antibody (PE-FcA98040, Clone: 230332D7) or PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9). Cells were not fixed.