

For Research Use Only

FcZero-rAb™ PE-CoraLite® Plus 594 Anti-Human CD14 Rabbit Recombinant Antibody

Catalog Number:**PCL594-FcA98040**



Basic Information

Catalog Number:	PCL594-FcA98040	GenBank Accession Number:	BC010507	Purification Method:
Concentration:	100 tests, 5 μ l/test	GenID (NCBI):	929	Protein A purification
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000170458	Clone No.:
Isotype:	IgG	UNIPROT ID:	P08571	230332D7
Immunogen Catalog Number:	EG0498	Full Name:	CD14 molecule	Recommended Dilutions:
		Calculated MW:	375 aa, 40 kDa	FC: 5 μ l per 10^6 cells in a 100 μ l suspension
				Excitation/Emission maxima wavelengths:
				496 nm, 565 nm / 604 nm

Applications

Tested Applications:	Positive Controls:
FC	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

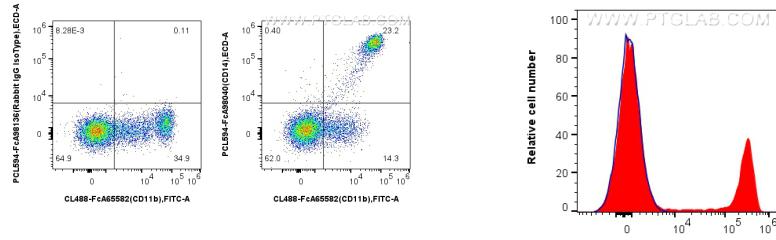
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com

W: ptgcn.com

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 ul PE-CoraLite® Plus 594 Anti-Human CD14 Rabbit RecAb (PCL594-FcA98040, Clone:230332D7), or 5 ul Rabbit IgG Isotype Control RecAb (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed.

1x10⁶ human PBMCs were surface stained with 5 ul PE-CoraLite® Plus 594 Anti-Human CD14 Rabbit RecAb (PCL594-FcA98040, Clone:230332D7) (red), or 5 ul Rabbit IgG Isotype Control RecAb (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.