

For Research Use Only

FcZero-rAb™ CoraLite® Plus 405 Anti-Human CD14 Rabbit Recombinant Antibody

Catalog Number: CL405-FcA98040



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL405-FcA98040	BC010507	Protein A purification
Concentration:	GenID (NCBI):	CloneNo.:
100 tests, 5 µl/test	929	230332D7
Source:	ENSEMBL Gene ID:	Recommended Dilutions:
Rabbit	ENSG00000170458	FC: 5 µl per 10 ⁶ cells in a 100 µl suspension
Isotype:	UNIPROT ID:	Excitation/Emission maxima wavelengths:
IgG	P08571	399 nm / 422 nm
Immunogen Catalog Number:	Full Name:	
EG0498	CD14 molecule	
	Calculated MW:	
	375 aa, 40 kDa	

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

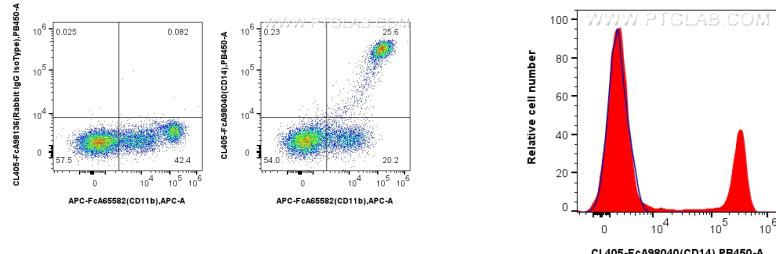
Storage: Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer: PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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 APC Anti-Human CD11b (ICRF 44), or 5 ul Rabbit IgG Isotype Control RecAb (CL405-FcA98136, Clone: 240953C9), and 5 ul Coralite® Plus 405 Anti-Human CD14 Rabbit RecAb (CL405-FcA98040, Clone:230332D7). Cells were not fixed.

1x10⁶ human PBMCs were surface stained with 5 ul Coralite® Plus 405 Anti-Human CD14 Rabbit RecAb (CL405-FcA98040, Clone:230332D7) (red), or 5 ul Rabbit IgG Isotype Control RecAb (CL405-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.