

For Research Use Only

FcZero-rAb™ APC-Cyanine7 Anti-Human CD14 (26IC) Rabbit IgG Recombinant Antibody

Catalog Number: AY7-FcA65616



Basic Information

Catalog Number:	AY7-FcA65616	GenBank Accession Number:	BC010507	Purification Method:	Protein A purification
Concentration:	100 tests, 5 µl/test	GenID (NCBI):	929	CloneNo.:	26IC
Source:	Rabbit	ENSEMBL Gene ID:	ENSG00000170458	Recommended Dilutions:	FC: 5 µl per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG	UNIPROT ID:	P08571	Excitation/Emission maxima wavelengths:	650 nm / 778 nm
		Full Name:	CD14 molecule		
		Calculated MW:	375 aa, 40 kDa		

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:

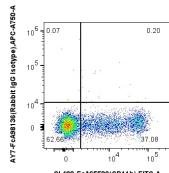
T: 4006900926

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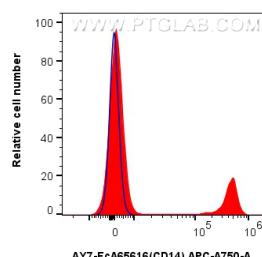
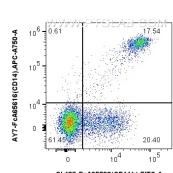
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with FcZero-rAb™ CoraLite® Plus 488 Anti-Human CD11b and 5 ul APC-Cyanine7 Anti-Human CD14 (261C) Rabbit IgG RecAb (AY7-FcA65616, Clone:261C), or 5 ul FcZero-rAb™ APC-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (AY7-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 ul APC-Cyanine7 Anti-Human CD14 (261C) Rabbit IgG RecAb (AY7-FcA65616, Clone:261C) (red), or 5 ul FcZero-rAb™ APC-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (AY7-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.