CoraLite® Plus 750 Anti-Human CD14 (26IC) Mouse IgG2a Recombinant Antibody

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Catalog Number:CL750-65616

Basic Information

Catalog Number:	CL750-65616
Size:	100tests , 5 ul/test
Source:	Mouse
Isotype:	IgG2a

GenBank Accession Number:	BC010507
GeneID (NCBI):	929
ENSEMBL Gene ID:	ENSG00000170458
Full Name:	CD14 molecule
Calculated MW:	375 aa, 40 kDa

Purification Method:	Protein A purification
CloneNo.:	26IC
Excitation/Emission maxima wavelengths:	755 nm / 780 nm

Applications

Tested Applications:
FC

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℃. Avoid exposure to light. Stable for one year after shipment.
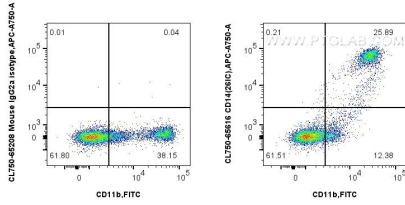**Storage Buffer:**
PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data

1x10^6 human PBMCs were surface stained with FITC Plus Anti-Human CD11b (ICRF44) (FITC-65116, Clone: ICRF44), and CoraLite® Plus 750 Anti-Human CD14 (26IC) Mouse IgG2a Recombinant Antibody (CL750-65616, Clone:26IC) or 5 ul CoraLite® Plus 750 Mouse IgG2a Isotype Control (C1.18.4) (CL750-65208, Clone: C1.18.4). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.
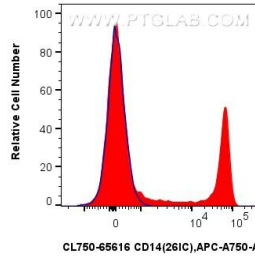
1x10^6 human PBMCs were surface stained with CoraLite® Plus 750 Anti-Human CD14 (26IC) Mouse IgG2a Recombinant Antibody (CL750-65616, Clone: 26IC) (red) or 5 ul CoraLite® Plus 750 Mouse IgG2a Isotype Control (C1.18.4) (CL750-65208, Clone: C1.18.4) (blue). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.