

For Research Use Only

CoraLite® Plus 488 Anti-Human CD14 (UCHM-1)



Catalog Number: CL488-65056

Basic Information

Catalog Number: CL488-65056	GenBank Accession Number: BC010507	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 929	CloneNo.: UCHM-1
Source: Mouse	Full Name: CD14 molecule	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	Calculated MW: 375 aa, 40 kDa	

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

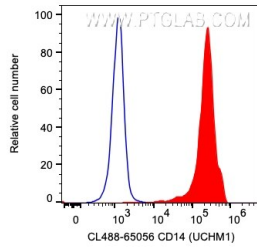
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

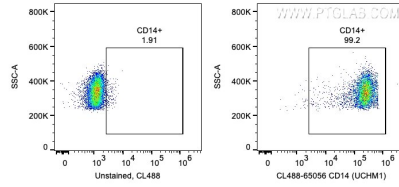
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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 5 ul CoraLite® Plus 488 Anti-Human CD14 (CL488-65056, Clone:UCHM-1) (red) or unstained. Cells were not fixed. Monocytes were gated.



1X10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD14 (CL488-65056, Clone:UCHM-1) or unstained. Cells were not fixed. Monocytes were gated.