

For Research Use Only

CoraLite® Plus 647 Anti-Human CD14 (UCHM-1)



Catalog Number: CL647-65056 **1 Publications**

Basic Information

Catalog Number: CL647-65056	GenBank Accession Number: BC010507	Purification Method: Affinity purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 929	CloneNo.: UCHM-1
Source: Mouse	ENSEMBL Gene ID: ENSG00000170458	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG2a	UNIPROT ID: P08571	
	Full Name: CD14 molecule	
	Calculated MW: 375 aa, 40 kDa	

Applications

Tested Applications:
FC

Cited Applications:
IF

Species Specificity:
Human

Cited Species:
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.

Notable Publications

Author	Pubmed ID	Journal	Application
Yufei Li	38192670	Oncol Lett	IF

Storage

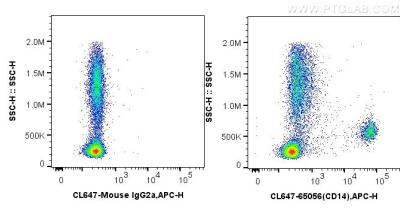
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

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



100 ul human peripheral blood were surface stained with CoraLite® Plus 647-conjugated Mouse IgG2a isotype control or 5.00 ul/test CoraLite® Plus 647 Anti-Human CD14 (CL647-65056, Clone: UCHM-1) and then treated with red blood cell lysis buffer. Cells were not fixed.