

For Research Use Only

Anti-Human CD14 (UCHM-1)

Catalog Number: 65056-1-Ig



Basic Information

Catalog Number: 65056-1-Ig	GenBank Accession Number: BC010507	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 929	CloneNo.: UCHM-1
Source: Mouse	Full Name: CD14 molecule	
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

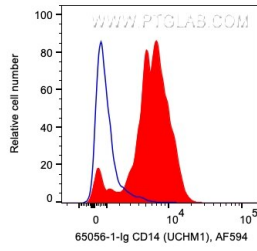
Storage:
Store at 2-8°C. Stable for one year after shipment.

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

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Selected Validation Data



1X10⁶ human PBMCs were surface stained with 0.2 ug Anti-Human CD14 (65056-1-Ig, Clone: UCHM-1) and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red) or unstained (blue). Cells were not fixed. Monocytes were gated.