

For Research Use Only

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

Catalog Number:CL488-65056



Basic Information

Catalog Number:

CL488-65056

Concentration:

100tests, 5 ul/test

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC010507

GeneID (NCBI):

929

ENSEMBL Gene ID:

ENSG00000170458

UNIPROT ID:

P08571

Full Name:

CD14 molecule

Calculated MW:

375 aa, 40 kDa

Purification Method:

Affinity purification

CloneNo.:

UCHM-1

Recommended Dilutions:

FC: 5 ul per 10⁶ cells in 100 μ l suspension

Excitation/Emission maximum wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

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:

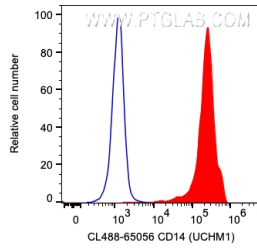
T: 4006900926

E: Proteintech-CN@ptglab.com

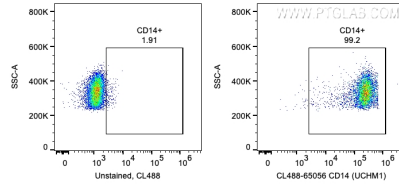
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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.