

For Research Use Only

# Anti-Human CD14 (UCHM-1)

Catalog Number: 65056-1-Ig



## Basic Information

Catalog Number:

65056-1-Ig

Size:

100ug, 0.5 mg/ml

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:

Protein A purification

CloneNo.:

UCHM-1

Recommended Dilutions:

FC: 0.2 ug per 10<sup>6</sup> cells in 100 µl suspension

## 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. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

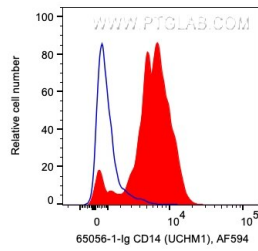
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface stained with 0.2 ug Anti-Human CD14 (65056-1-Ig, Clone: UCHM-1) and CoraLite® 594-Conjugated Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red) or unstained (blue). Cells were not fixed. Monocytes were gated.