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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Human CD14 In Vivo Antibody - Low Endotoxin (UCHM-1) [ICH1009]

SKU: ICH1009

Link: <https://www.ichor.bio/product/anti-cd14-in-vivo-antibody-low-endotoxin-uchm-1-ich1009/>



Product Information

Category: anti-human, Low Endotoxin
Customer Type: Educational Use, Industrial Use
Size: 1mg, 5mg, 25mg, 50mg, 100mg
Endotoxin Level: Low, Ultra low

Product Description

Product Benefits:

ichorbio's anti-CD14 In Vivo Antibody - Low Endotoxin (UCHM-1) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from our competitors (<http://www.ichor.bio/comparing-ichorbio-to-bio-x-cell-biolegend/>) at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin (<0.75EU/mg) at an even higher purity (98% versus 95%). ichorbio offers Amazon vouchers or donations to the NC3Rs for reviews of this product: click [here](http://www.ichor.bio/amazon-vouchers/) (<http://www.ichor.bio/amazon-vouchers/>) for more information. ichorbio: the best antibodies for *in vivo* research.

Target:

CD14

Clone:

UCHM-1

Isotype:

Mouse IgG2a

Other Names:

Myeloid cell-specific leucine-rich glycoprotein

Uniprot:[P08571 \(https://www.uniprot.org/uniprot/P08571\)](https://www.uniprot.org/uniprot/P08571)**Host:**

Mouse

Species Reactivity:

Human

Specificity:

Anti-CD14 In Vivo Antibody - Low Endotoxin (UCHM-1) recognizes Human CD14. Anti-Human CD14 recognizes a (Mr 55 kDa) cell surface glycoprotein expressed on most peripheral blood monocytes.

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Antigen Distribution:

The CD14 antigen is expressed on approximately 70-95% of human peripheral blood monocytes. It is also found on other cells of myeloid lineage including granulocytes, dendritic reticulum cells and pleural phagocytic cells.

Background:

Cluster of differentiation 14 also known as CD14 is a cell surface glycoprotein expressed in monocytes, macrophages, polymorphonuclear neutrophils, chondrocytes, B-cells, dendritic cells. CD14 functions to enhance activation of cells by lipopolysaccharide (LPS).

Concentration:

1.0 - 5.0 mg/ml

Formulation:

0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free.

Purity:

>95% by SDS-PAGE and analyzed by silver stain.

>98% by SDS-PAGE and HPLC

Endotoxin:

≤ 1.0 EU/mg as determined by the LAL method

≤ 0.75 EU/mg as determined by the LAL method

Aggregation:

Aggregation level ≤ 5%

Aggregation level ≤ 1%

Storage:

anti-CD14 In Vivo Antibody - Low Endotoxin (UCHM-1) is stable for at least one week when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

Applications:

Flow Cytometry, Western Blot

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use:

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

Isotype Control:

[Mouse IgG2a In Vivo Isotype Control - Low Endotoxin \[C1.18.4\] \(ICH2245\)](http://www.ichor.bio/product/Mouse-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-C1.18.4-ICH2245)

[.\(http://www.ichor.bio/product/Mouse-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-C1.18.4-ICH2245\)](http://www.ichor.bio/product/Mouse-IgG2a-In-Vivo-Isotype-Control-Low-Endotoxin-C1.18.4-ICH2245)