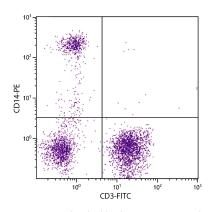




Mouse Anti-Human CD14

Cat. No.	Format	Size
9560-01	Purified (UNLB)	0.1 mg
9560-02	Fluorescein (FITC)	100 tests
9560-08	Biotin (BIOT)	100 tests
9560-09	R-phycoerythrin (PE)	100 tests
9560-13	Spectral Red® (SPRD)	100 tests



Human peripheral blood monocytes and lymphocytes were stained with Mouse Anti-Human CD14-PE (SB Cat. No. 9560-09) and Mouse Anti-Human CD3-FITC (SR Cat. No. 9515-02).

Overview

Clone UCHM-1

Isotype Mouse (BALB/c) $IgG_{2a}\kappa$

Immunogen Thymocytes and peripheral blood lymphocytes from a remission AML patient

Specificity Human/Cynomolgus CD14; Mr 55 kDa

Alternate Name(s) LPS-R, LPS receptor, gp55

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Description

CD14 is a 55 kDa glycosphosphatidylinositol (GPI)-anchored single chain glycoprotein. It is expressed on monocytes, macrophages, dendritic cells, and Langerhans cells. It is also weakly expressed on neutrophils. CD14 appears to be involved in clearance of gramnegative bacteria via its high affinity binding to LPS-LPB complexes.

Applications

FC – Quality tested ⁶⁻¹¹
IHC-FS – Reported in literature ^{1,2}
ICC – Reported in literature ¹
IP – Reported in literature ¹
ELISA – Reported in literature ³
Block – Reported in literature ⁴
Depletion – Reported in literature ⁵

Working Dilutions

Flow Cytometry Purified (UNLB) antibody $\leq 1 \ \mu g/10^6 \ cells$

FITC, BIOT, PE, and SPRD conjugates 10 μ L/10⁶ cells For flow cytometry, the suggested use of these reagents is in a final volume of 100 μ L

Other Applications Since applications vary, you should determine the optimum working dilution for the product that is

appropriate for your specific need.

For Research Use Only. Not for Diagnostic or Therapeutic Use.

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Handling and Storage

- The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No
 preservatives or amine-containing buffer salts added. Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The biotin (BIOT) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The R-phycoerythrin (PE) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. Do not freeze!
- The Spectral Red[®] (SPRD) conjugate is supplied as 100 tests in 1.0 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. Do not freeze!
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

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Spectral Red® is a PE/CY5 tandem conjugate.

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