

Purified anti-mouse CD14

Catalog # / Size: 123301 / 50 µg
123302 / 500 µg

Clone: Sa14-2

Isotype: Rat IgG2a, κ

Immunogen: Mouse thymus or spleen

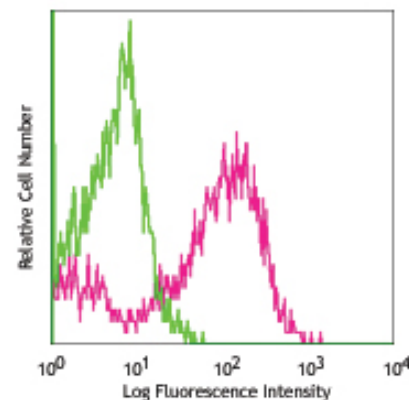
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



BALB/c peritoneal macrophages stained with Sa14-2 purified, followed by anti-rat IgG FITC

Applications:

Applications: FC - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.25 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Description: CD14 is a 53-55 kD glycosylphosphatidylinositol (GPI)-linked membrane glycoprotein also known as LPS receptor. CD14 is expressed on macrophages, dendritic cells, Kupffer cells, hepatocytes, and granulocytes. As a high-affinity receptor for LPS-LBP (LPS-binding protein) complex, CD14, in association with Toll-like Receptor 4 (TLR4) or 2 (TLR2), is involved in the clearance of gram-negative pathogens.

Antigen References:

1. Stocks S, *et al.* 1990. *Biochem. J.* 268:275.
2. Akashi S, *et al.* 2003. *J. Exp. Med.* 198:1035.
3. Matsuura K, *et al.* 1994. *J. Exp. Med.* 179:1671.
4. Liu S, *et al.* 1998. *Infect. Immun.* 66:5089.

Related Products: Product

APC Goat anti-rat IgG (minimal x-reactivity)
PE Goat anti-rat IgG (minimal x-reactivity)
Cell Staining Buffer
Purified Rat IgG2a, κ Isotype Ctrl

Clone

Poly4054
Poly4054
RTK2758

Application

FC
FC
FC, ICC, ICFC
FC, ICC, IF, IHC, IP, WB



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