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CD14 (N) Antibody, Rabbit Polyclonal

Cat#: R0983-1

Quantity: 100 ul

Predicted | Observed M.W.: 40 | 60 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P08571

Background:

Monocyte differentiation antigen CD14 is a cell membrane protein and a component of the lipopolysaccharide (LPS) receptor, a multi-protein complex containing at least CD14, MD-2 and TLR4. CD14 cooperates with MD-2 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). CD14 acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. CD14 up-regulates cell surface molecules, including adhesion molecules.

Other Names:

Monocyte differentiation antigen CD14, Myeloid cell-specific leucine-rich glycoprotein

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human CD14. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

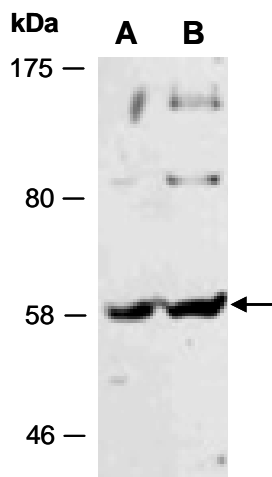


Fig 1. Western blot of total cell extracts from (A) human Jurkat, (B) human T47D; using anti-CD14 (N) (R0983-1) at RT for 2 h.