

CD14 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251561

Unit: 0.1 mg

Description:

Monocyte differentiation antigen CD14 (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. CD14 is expressed strongly on the surface of monocytes and weakly on the surface of granulocytes.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: H, M, R

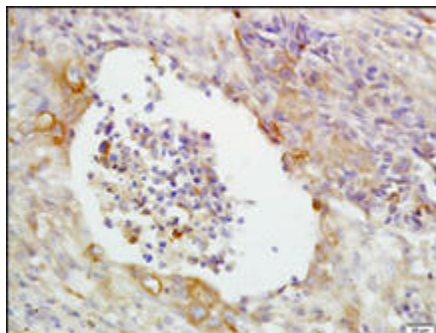
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by immunogen-affinity chromatography.

Alternate Names: Monocyte differentiation antigen CD14; Myeloid cell-specific leucine-rich glycoprotein; CD14; Monocyte differentiation antigen CD14, urinary form; Monocyte differentiation antigen CD14, membrane-bound form

Accession No.: P08571

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human CD14.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



CD14 staining in lung cancer: Formalin-fixed paraffin-embedded human lung cancer tissue is stained with CD14 Antibody (Cat. No. 251561) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Allam AB. et al. 2013. Am J Reprod Immunol. PMID 24372928.

For research use only, not for diagnostic or therapeutic procedures.