

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

CD14 Antibody (Clone AT87H7)

单克隆抗体

产品货号: MA01150

第三版

免疫原: Recombinant human CD14 (20-349aa) purified from E.coli.

亚型: Mouse IgG2b, k

克隆: AT87H7

**描述:** The protein encoded by this gene is a component of the innate immune system. CD14 exists in two forms, one anchored to the membrane by a glycosylphosphatidylinositol tail (mCD14), the other a soluble form (sCD14). Soluble CD14 either appears after shedding of mCD14 (48kDa) or is directly secreted from intracellular vesicles (56kDa). The x-ray crystal structure of human CD14 reveals a monomeric, bent solenoid structure containing a hydrophobic amino-terminal pocket. CD14 was the first described pattern recognition receptor. CD14 acts as a co-receptor (along with the Toll-like receptor TLR4 and MD-2) for the detection of bacterial lipopolysaccharide (LPS). CD14 can bind LPS only in the presence of lipopolysaccharide-binding protein (LBP). Although LPS is considered its main ligand, CD14 also recognizes other pathogen-associated molecular patterns such as lipoteichoic acid.

**配方:** Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol.

**浓度:** 1 mg/ml

**保存:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.

**应用:** ELISA, WB, ICC/IF