

12-90464: Anti-CD14 antibody(1A3), IgG1 Chimeric mAb

Clonality :	Monoclonal
Clone Name :	1A3
Reactivity :	Human
Conjugate :	Unconjugated
Gene :	CD14
Uniprot ID :	P08571
Alternative Name :	CD14 Molecule;Myeloid Cell-Specific Leucine-Rich Glycoprotein;CD14 Antigen;Monocyte Differentiation Antigen CD14
Isotype :	Rabbit/Human Fc chimeric IgG1

Description

The protein encoded by this gene is a surface antigen that is preferentially expressed on monocytes/macrophages. It cooperates with other proteins to mediate the innate immune response to bacterial lipopolysaccharide, and to viruses. This gene has been identified as a target candidate in the treatment of SARS-CoV-2-infected patients to potentially lessen or inhibit a severe inflammatory response. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Aug 2020]

Product Info

Amount :	100 µg / 10 µg
Purification :	Purified from cell culture supernatant by affinity chromatography
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Application Note

Flow Cyt 1/100

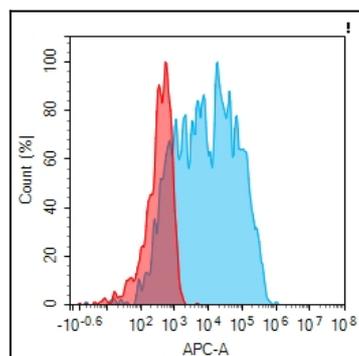


Figure 1. Flow cytometry analysis with 10µg/mL Anti-CD14 (1A3) mAb on HEK293 cells transfected with human CD14 (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).