

CD14 Monoclonal Antibody



MACO0536

Product Information

Size:

50ug

Reactivity:

Human

Source:

Mouse

Isotype:

IgG2b

Applications:

ELISA, IHC

Recommended dilutions:

IHC:1:50-1:500

Protein Background:

As a component of the innate immune system, the cell surface glycoprotein CD14 is a myelomonocytic differentiation antigen preferentially expressed on monocytes, macrophages, and activated granulocytes. CD14 exists as two forms, either anchored into the membrane by a GPI-anchor tail (mCD14) or present as a soluble form (sCD14) in normal serum and body fluids. CD14 was first described as a pattern recognition receptor for lipopolysaccharide (LPS) and a variety of ligands derived from different microbial sources, along with the co-receptors Toll-like receptor TLR 4 and MD-2. The binding of CD14 and LPS depends on the presence and catalytic activity of lipopolysaccharide-binding protein (LBP).

Gene ID:

CD14

Uniprot

P08571

Synonyms:

CD14, CD14 molecule

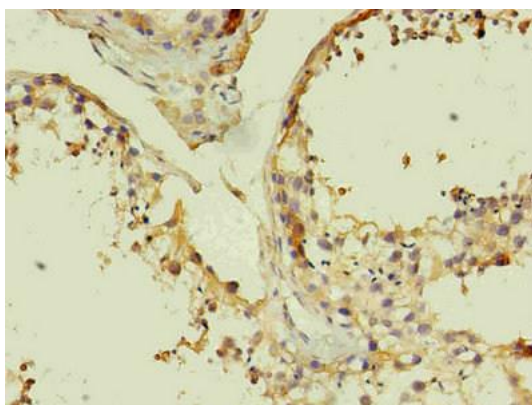
Immunogen:

Recombinant CD14 Protein

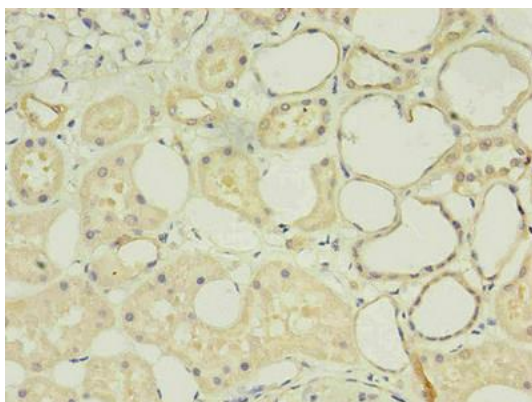
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

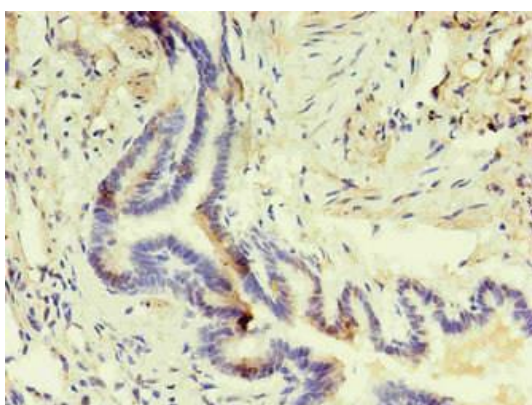
Product Images



Immunohistochemistry of paraffin-embedded human testis using MACO0536 in 30ug/ml dilute concentrations.



Immunohistochemistry of paraffin-embedded human kidney using MACO0536 in 30ug/ml dilute concentrations.



Immunohistochemistry of paraffin-embedded human lung using MACO0536 in 30ug/ml dilute concentrations.