

Datasheet for ABIN7140933

anti-CD14 antibody

6 Images

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Overview

Quantity:	100 µg
Target:	CD14
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD14 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant CD14 Protein
Clone:	1A3B6
Isotype:	IgG2b
Cross-Reactivity:	Human
Purification:	Protein G purified

Target Details

Target:	CD14
Alternative Name:	CD14 (CD14 Products)
Background:	Background: As a component of the innate immune system, the cell surface glycoprotein CD14 is a myelomonocytic differentiation antigen preferentially expressed on monocytes,

Target Details

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). Besides its endotoxin signaling function, CD14 has been proposed to be involved in various biological processes, including transportation of other lipids, cell-cell interaction during different immune responses, as well as recognition of apoptotic cells. Multiple transcript variants resulting from alternative splicing encode the same isoform of CD14.

Aliases: CD14, CD14 Molecule

UniProt: [P08571](#)

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Recommended dilution:IHC:1:50-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

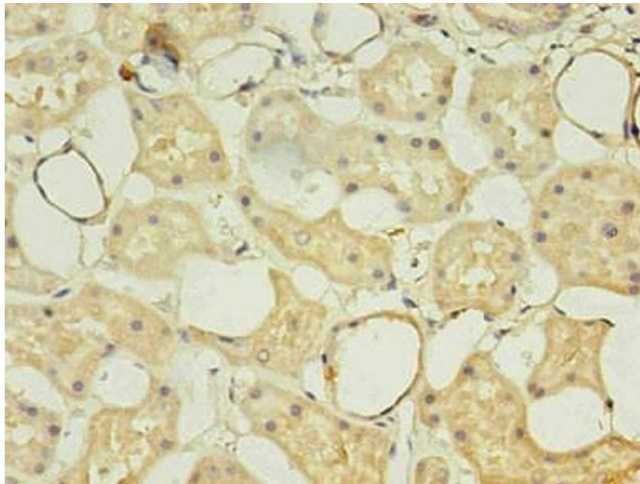
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

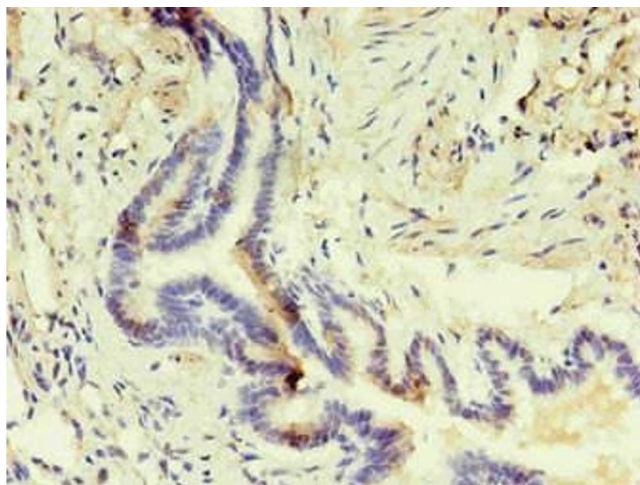
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



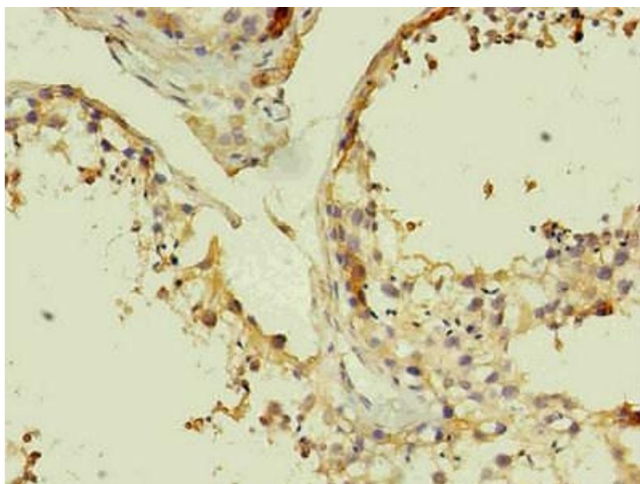
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney using in 30 µg/mL dilute concentrations.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lung using ABIN7140933 in 30 µg/mL dilute concentrations.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis using ABIN7140933 in 30 µg/mL dilute concentrations.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7140933.