

Mouse anti-Human CD14 Antibody | anti-CD14 antibody

CD14 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108848	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

CD14; CD14 Antibody; anti-CD14 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	5A3
Form/Format	Purified antibody in PBS containing 0.03% sodium azide.
Sequence Length	286
Applicable Applications for anti-CD14 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	Purified recombinant fragment of human CD14 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES

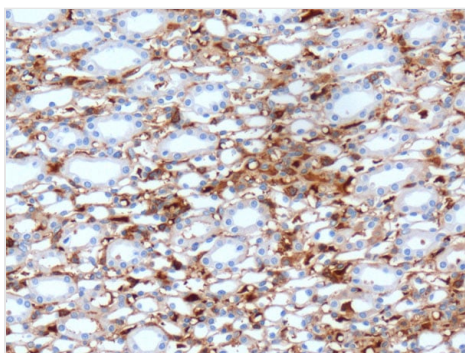

FCM/FACS (Flow Cytometry)

Figure 2. Flow cytometric analysis of human PBMC using CD14 mouse mAb.

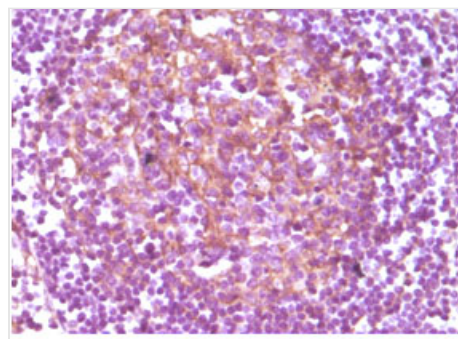

IHC (Immunohistochemistry)

Figure 1. Immunohistochemical analysis of paraffin-embedded human lymphnode, showing membrane localization using CD14 mouse mAb with DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CD14 antibody

CD14 antigen is a GPI-linked glycoprotein with a molecular weight of 55kD. The CD14 antigen is expressed on cells of the myelomonocytic lineage including monocytes, macrophages and Langerhans cells. Low expression is observed on neutrophils and on human B cells. CD14 antigen is a receptor for bacterial lipopolysaccharide (LPS, endotoxin) and the lipopolysaccharide binding protein (LBP). LBP and CD14 antigen serves two physiological roles. These proteins act as opsonin and opsonic receptor, respectively, to promote the phagocytic uptake of bacteria or LPS-coated particles by macrophages.

Product Categories/Family for anti-CD14 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	139472841
NCBI GeneID	4961462
NCBI Accession #	YP_001129403.1
NCBI GenBank Nucleotide #	NC_009333.1
Molecular Weight	31,574 Da
NCBI Official Full Name	K8
NCBI Official Symbol	K8
NCBI Protein Information	bZIP transcription factor
UniProt Protein Name	E3 SUMO-protein ligase K-bZIP
UniProt Gene Name	K8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/cd14/108848>