

Rabbit anti-Human CD14 Polyclonal Antibody | anti-CD14 antibody

CD14 Antibody (C-term)

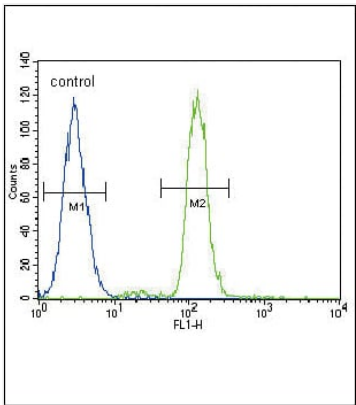
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290219	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

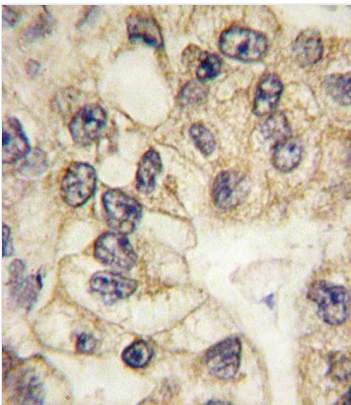
CD14; Polyclonal Antibody; CD14 Antibody (C-term); Monocyte differentiation antigen CD14; Myeloid cell-specific leucine-rich glycoprotein; urinary form; membrane-bound form; anti-CD14 antibody

PRODUCT SPECIFICATIONS

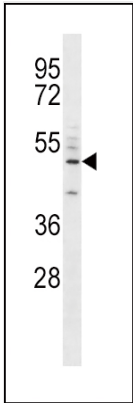
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 292-322 amino acids from the C-terminal region of human CD14.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	292-322
Sequence Length	375
Applicable Applications for anti-CD14 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



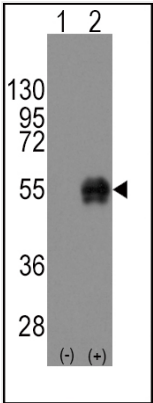
FCM/FACS (Flow Cytometry)
CD14 Antibody (C-term) flow cytometric analysis of A549 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with CD14 antibody (C-term) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
CD14 Antibody (C-term) western blot analysis in A549 cell line lysates (35ug/lane).This demonstrates the CD14 antibody detected the CD14 protein (arrow).



WB (Western Blot)
Western blot analysis of CD14(arrow) using rabbit polyclonal CD14 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the CD14 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-CD14 antibody	CD14 is a surface protein preferentially expressed on monocytes/macrophages. It binds lipopolysaccharide binding protein and recently has been shown to bind apoptotic cells.
Product Categories/Family for anti-CD14 antibody	Immunology; Signal Transduction
References	Donati,M., J. Periodontol. 79 (3), 517-524 (2008) Yuan,F.F., Immunol. Cell Biol. 86 (3), 268-270 (2008) Setoguchi,M., Biochim. Biophys. Acta 1008 (2), 213-222 (1989) Goyert,S.M., Science 239 (4839), 497-500 (1988)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557417
NCBI GeneID	929
NCBI Accession #	NP_000582.1; NP_001035110.1; NP_001167575.1; NP_001167576.1
NCBI GenBank Nucleotide #	NM_000591.3
UniProt Accession #	P08571; Q53XT5; Q96FR6; Q96L99; Q9UN53

Molecular Weight	40076
NCBI Official Full Name	monocyte differentiation antigen CD14
NCBI Official Synonym Full Names	CD14 molecule
NCBI Official Symbol	CD14
NCBI Protein Information	monocyte differentiation antigen CD14
UniProt Protein Name	Monocyte differentiation antigen CD14
UniProt Gene Name	CD14
UniProt Entry Name	CD14_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/cd14-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/290219>