

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

Anti-CD14 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45043	Rabbit	Mouse	Western Blot

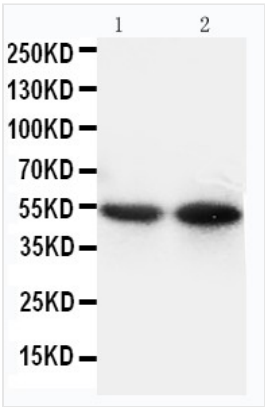
PRODUCT SYNONYMS

CD14; Polyclonal Antibody; Anti-CD14 antibody; Monocyte differentiation antigen CD14; CD14 molecule; CD 14 antibody; CD_antigen=CD14 antibody; CD14 antibody; CD14 antigen antibody; CD14 molecule antibody; CD14_HUMAN antibody; LPS-R antibody; Mo2 antibody; Monocyte differentiation antigen CD14 antibody; Monocyte differentiation antigen CD14 urinary form antibody; membrane-bound form antibody; Myeloid cell specific leucine rich glycoprotein antibody; Myeloid cell-specific leucine-rich glycoprotein antibody; anti-CD14 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	366
Applicable Applications for anti-CD14 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of mouse CD14 (152-165aa TRDAWLAE LQQWLK).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-CD14 antibody, AAA45043, Western blottingLane 1: Mouse Thymus Tissue LysateLane 2: Mouse Spleen Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CD14 antibody	Description: Rabbit IgG polyclonal antibody for Monocyte differentiation antigen CD14(CD14) detection. Tested with WB in Mouse. Background: CD14, Cluster of differentiation 14, single-copy gene encoding 2 protein forms: a 50- to 55-kD glycosylphosphatidylinositol-anchored membrane protein(mCD14) and a monocyte or liver-derived soluble serum protein(sCD14) that lacks the anchor. By in situ hybridization and study of somatic cell hybrid DNA that the gene is located at bands 5q23-q31. CD14 acts as a co-receptor(along with the Toll-like receptor TLR 4 and MD-2) for the detection of bacterial lipopolysaccharide(LPS). CD14 can bind LPS only in the presence of lipopolysaccharide-binding protein(LBP). Although LPS is considered its main ligand, CD14 also recognizes other pathogen-associated molecular patterns.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	115957
NCBI GeneID	12475
UniProt Accession #	P10810
Molecular Weight	39,204 Da
NCBI Official Full Name	Monocyte differentiation antigen CD14
NCBI Official Synonym Full Names	CD14 antigen
NCBI Official Symbol	Cd14
NCBI Protein Information	monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein
UniProt Protein Name	Monocyte differentiation antigen CD14
UniProt Gene Name	Cd14
UniProt Entry Name	CD14_MOUSE

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.