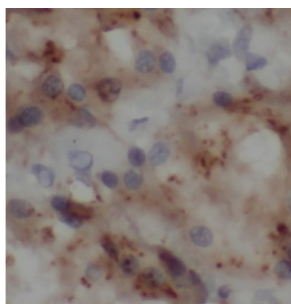


Cluster Of Differentiation 14 (CD14) Antibody

Catalogue No.: abx239987



IHC-P analysis of human kidney tissue, using CD14 antibody (1/200 dilution).

Cluster Of Differentiation 14 (CD14) Antibody is a Rabbit Polyclonal antibody for the detection of CD14.

Coreceptor for bacterial lipopolysaccharide (PubMed:1698311, PubMed:23264655). In concert with LBP, binds to monomeric lipopolysaccharide and delivers it to the LY96/TLR4 complex, thereby mediating the innate immune response to bacterial lipopolysaccharide (LPS) (PubMed:20133493, PubMed:23264655). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response (PubMed:8612135). Acts as a coreceptor for TLR2:TLR6 heterodimer in response to diacylated lipopeptides and for TLR2:TLR1 heterodimer in response to triacylated lipopeptides, these clusters trigger signaling from the cell surface and subsequently are targeted to the Golgi in a lipid-raft dependent pathway (PubMed:16880211).

Target:	Cluster Of Differentiation 14 (CD14)
Clonality:	Polyclonal
Reactivity:	Human
Tested Applications:	ELISA, IHC
Host:	Rabbit
Recommended dilutions:	IHC: 1/20 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	CD14 molecule
Isotype:	IgG
Form:	Liquid
Purity:	≥ 95% (SDS-PAGE)
Purification:	Purified by immunogen affinity chromatography.

Datasheet

Version: 1.0.0
Revision date: 06 Sep 2025



Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Validity: 12 months.

UniProt Primary AC: P08571 ([UniProt](#), [ExPASy](#))

Gene Symbol: CD14

GeneID: [929](#)

OMIM: [158120](#)

HGNC: 1628

KEGG: hsa:929

Ensembl: ENSG00000170458

String: [9606.ENSP00000304236](#)

Molecular Weight: Observed MW: 50-55 kDa

Buffer: PBS, pH 7.3, with 0.02% sodium azide and 50% glycerol.

Concentration: 2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.