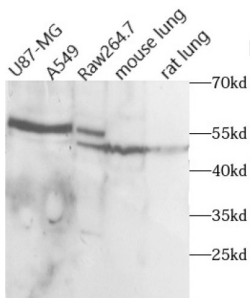


## Cluster Of Differentiation 14 (CD14) Antibody

Catalogue No.: abx240117



WB analysis of various lysates, using CD14 antibody (1/1000 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).

|                               |  |
|-------------------------------|--|
| <b>Target:</b>                | Cluster Of Differentiation 14 (CD14)   |
| <b>Clonality:</b>             | Polyclonal   |
| <b>Reactivity:</b>            | Human, Mouse, Rat  |
| <b>Tested Applications:</b>   | ELISA, WB  |
| <b>Host:</b>                  | Rabbit   |
| <b>Recommended dilutions:</b> | WB: 1/200 - 1/2000. Optimal dilutions/concentrations should be determined by the end user. |
| <b>Conjugation:</b>           | Unconjugated   |
| <b>Immunogen:</b>             | CD14 molecule  |
| <b>Isotype:</b>               | IgG  |
| <b>Form:</b>                  | Liquid   |
| <b>Purity:</b>                | ≥ 95% (SDS-PAGE)   |
| <b>Purification:</b>          | Purified by immunogen affinity chromatography.   |

# Datasheet

Version: 1.0.0  
Revision date: 09 Nov 2024



**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.

For Reference Only