

# **Product datasheet for TA303082**

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## **CD14 Goat Polyclonal Antibody**

**Product data:** 

Product Type: Primary Antibodies

Applications: FC, IHC, PEP-ELISA, WB

**Recommended Dilution:** Western blot: 1-3µg/ml. Primary incubation 1 hour at room temperature.

Approx 55kDa band observed in Human Lymph node and Tonsil lysates (calculated MW of 40.1kDa according to NP\_000582.1). The observed molecular weight corresponds to the glycosylated form, and was successfully blocked by incubation with the immunizing peptide.

Flow Cytometry: 10ug/ml.

Flow cytometric analysis of A549 cells.

Reactivity: Human
Host: Goat
Isotype: IgG

**Clonality:** Polyclonal

**Immunogen:** Peptide with sequence C-KRVDADADPRQYAD, from the internal region of the protein

sequence according to NP\_000582.1.

**Formulation:** Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

**Concentration:** lot specific

**Purification:** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize

freezing and thawing.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Gene Name: CD14 molecule

Database Link: NP 000582

Entrez Gene 929 Human

P08571





### CD14 Goat Polyclonal Antibody - TA303082

**Background:** CD14 is a surface protein preferentially expressed on monocytes/macrophages. It binds

lipopolysaccharide binding protein and recently has been shown to bind apoptotic cells. Alternative splicing results in multiple transcript variants encoding the same isoform.

[provided by RefSeq]

Synonyms: CD14 antigen; CD14 molecule; monocyte differentiation antigen CD14

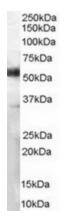
Protein Families: Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS,

Transmembrane

Protein Pathways: Hematopoietic cell lineage, MAPK signaling pathway, Pathogenic Escherichia coli infection,

Regulation of actin cytoskeleton, Toll-like receptor signaling pathway

# **Product images:**



TA303082 (1ug/ml) staining of Human Lymph Node lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by

chemiluminescence.