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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07103 - Goat Anti-CD14 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CD14, CD14 antigen, HGNC:1628

Official Symbol: CD14

Accession Number(s): NP_000582.1

Human GeneID(s): [929](#)

Immunogen

Peptide with sequence C-KRVDADADPRQYAD, from the internal region of the protein sequence according to NP_000582.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 55kDa band observed in Human Peripheral Blood Mononucleocytes (PBM) lysates (calculated MW of 40.1kDa according to NP_000582.1). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 1-3µg/ml. An additional band of unknown identity was also consistently observed at 15kDa. This band was successfully blocked by incubation with the immunizing peptide. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB07103 (1µg/ml) staining of PBM lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunizing peptide. Detected by chemiluminescence.

EB07103 (4µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**