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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB07103 - Goat Anti-CD14 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** HGNC:1628, CD14 antigen, CD14

**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.

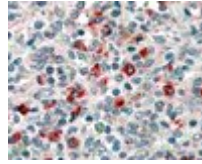
**Western blot:** Approx 55kDa band observed in Human Lung, Lymph Node and Tonsil lysates (calculated MW of 40.1kDa according to NP\_000582.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Funda et al, Infect Immun. 2001 Jun;69(6):3772-81; PMID: 11349042). Recommended concentration: 1-3µg/ml.

**IHC:** In paraffin embedded Human Spleen shows strong clustered staining in some splenocytes. Recommended concentration, 4-6µg/ml.

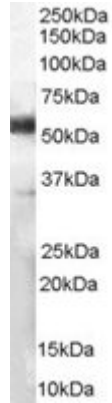
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB07103(4µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB07103 (1µg/ml) staining of Human Lymph Node lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.