



www.AntibodyResearch.com

## Antibody Research Corporation

5988 Mid Rivers Mall Drive, St Charles, MO 63304

Phone: (636) 734-0192

Fax: (636) 441-6881

[info@antibodyresearch.com](mailto:info@antibodyresearch.com)

### Product Data Sheet

**Product Name:** Anti-Human CD14 Biotin Antibody

**Catalogue No.:** 181952

**Alternate Names:** Monocyte differentiation antigen CD14, Myeloid cell-specific leucine-rich glycoprotein.

**Description:** CD14 (also known lipopolysaccharide (LPS) receptor) is expressed strongly on monocytes and macrophage and weakly on the surface of neutrophils. CD14 is anchored to cells by linkage to glycosylphosphatidylinositol (GPI) and functions as a high affinity receptor for complexes of LPS and LPS binding protein (LBP). Soluble CD14, also binding to LPS, acts at physiological concentration as an LPS agonist and has, at higher concentrations, an LPS antagonizing effect in cell activation. CD14 has been shown to bind apoptotic cells.

**Specificity:** Human

**Type:** Monoclonal

**Concentration:** 1mg/mL

**Purity:** Ion exchange column

**Storage:** Lyophilized: store at 4°C. After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

**Stability:** Two years lyophilized, one month in solution at 4°C.

**Shipping:** Products may be shipped on ice pack or dry ice.

---

**For Research Use Only. Not for Diagnostic or Therapeutic Work.**

ARC will not be held responsible for patent infringement or other violation that may occur with the use of this product.