

## sCD14 Monoclonal Antibody(Capture)

catalog number: AN002120P

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

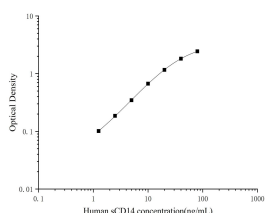
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human sCD14 protein expressed by Mammalian
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1
<b>Clone</b>	6F9
<b>Purification</b>	Protein A/G Purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

### Applications

### Recommended Dilution

<b>ELISA Capture</b>	2-8 µg/mL
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### Data



Sandwich ELISA-Recombinant Human sCD14 protein standard curve. Background subtracted standard curve using sCD14 antibody(AN002120P)(Capture), sCD14 antibody(AN002130P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human sCD14 protein is 1.25-80 ng/mL.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

CD14 is a 50-55 kDa glycosylphosphatidylinositol-anchored glycoprotein. CD14 is preferentially expressed on monocytes and macrophages. CD14 acts as a co-receptor (along with TLR4 and MD-2) for bacterial liposaccharides (LPS). It plays a major role in the inflammatory response of monocytes to LPS.

### For Research Use Only