

## TREM-1 Monoclonal Antibody(Detector)

catalog number: AN001920P

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

### Description

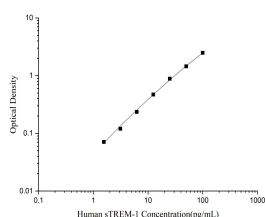
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human TREM-1 protein expressed by Mammalian
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG1
<b>Clone</b>	2H4
<b>Purification</b>	Protein A/G Purification
<b>Conjugation</b>	Unconjugated
<b>Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

### Applications

### Recommended Dilution

**ELISA Detector** 0.1-0.4 µg/mL

### Data



Sandwich ELISA-Recombinant Human TREM-1 protein standard curve. Background subtracted standard curve using TREM-1 antibody(AN001930P)(Capture), TREM-1 antibody(AN001920P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human TREM-1 protein is 1.56-100 pg/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

This gene encodes a receptor belonging to the Ig superfamily that is expressed on myeloid cells. This protein amplifies neutrophil and monocyte-mediated inflammatory responses triggered by bacterial and fungal infections by stimulating release of pro-inflammatory chemokines and cytokines, as well as increased surface expression of cell activation markers. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

### For Research Use Only