

# TREM-1 Monoclonal Antibody(Detector)

catalog number: AN001920P

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

## Description

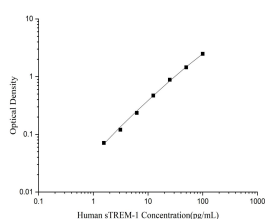
|                     |  |
|---------------------|--|
| <b>Reactivity</b>   | Human  |
| <b>Immunogen</b>    | Recombinant Human TREM-1 protein expressed by Mammalian            |
| <b>Host</b>         | Rat  |
| <b>Isotype</b>      | Rat IgG1   |
| <b>Clone</b>        | 2H4  |
| <b>Purification</b> | 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

|                       |               |
|-----------------------|---------------|
| <b>ELISA Detector</b> | 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