

Angiopoietin-2 Monoclonal Antibody(Detector)

catalog number: AN002240P

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

Description

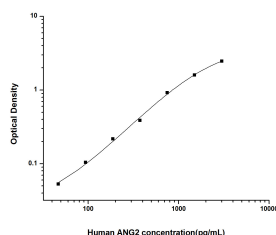
| | |
|---------------------|--|
| Reactivity | Human |
| Immunogen | Recombinant Human Angiopoietin-2 protein expressed by Mammalian |
| Host | Rat |
| Isotype | Rat IgG1 |
| Clone | 1A5 |
| Purification | Protein A/G Purification |
| Conjugation | Unconjugated |
| Buffer | Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300. |

Applications

Recommended Dilution

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|-----------------------|---------------|
| ELISA Detector | 0.1-0.4 µg/mL |
|-----------------------|---------------|

Data



Sandwich ELISA-Recombinant Human Angiopoietin-2 protein standard curve. Background subtracted standard curve using Angiopoietin-2 antibody(AN002230P) (Capture), Angiopoietin-2 antibody(AN002240P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Angiopoietin-2 protein is 46.88-3000 pg/mL.

Preparation & Storage

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

Background

The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene.

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