

Rabbit anti-Rat IL-6 mAb

Catalog No.: RMK0571

Basic Information

Catalog No.
RMK0571

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20°C.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, PH 7.4.

Contact

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Background

Enables cytokine activity and interleukin-6 receptor binding activity. Involved in several processes, including cellular response to lipid; positive regulation of cell communication; and response to peptide hormone. Located in cytoplasm and extracellular space. Used to study several diseases, including acute necrotizing pancreatitis; disseminated intravascular coagulation; fatty liver disease; hypertension (multiple); and impotence. Biomarker of several diseases, including acute necrotizing pancreatitis; artery disease (multiple); auditory system disease (multiple); iron deficiency anemia; and lung disease (multiple). Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); eye disease (multiple); gastrointestinal system cancer (multiple); glucose metabolism disease (multiple); and periodontal disease (multiple). Orthologous to human IL6 (interleukin 6).

Immunogen Information

Immunogen
Recombinant rat IL-6 protein

Cross-Reactivity

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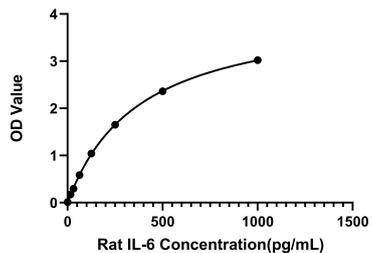
Assay Applications

Rat IL-6 Sandwich Immunoassay

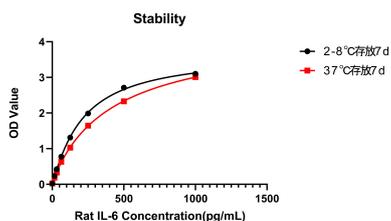
| | | Recommended Concentration | Sample |
|-------|-----------|---------------------------|-------------------------------------------------|
| ELISA | Capture | 1-4 µg/mL | Rabbit anti-Rat IL-6 mAb (Cat. No. RMK0570) |
| | Detection | 0.005-0.02 µg/mL | Rabbit anti-Rat IL-6 mAb (Cat. No. RMK0571) |
| | Standard | 15.63-1000 pg/mL | Recombinant Rat IL-6 Protein (Cat. No. RP01741) |

Validation Data

This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.



No significant cross-reactivity or interference was observed.

A sample containing 1 ng/mL of recombinant mouse IL-6 measured 113.44 pg/mL in this assay (11.34% cross-reactivity)

