

Rabbit anti-Human IL-6 mAb (CAP)

Catalog No.: RM17629

Basic Information

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Category
Elisa Antibody Kit

Application
CLIA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.


Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.1%Braveds MB-1,PH 7.4.

Contact

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Background

Cytokine with a wide variety of biological functions in immunity, tissue regeneration, and metabolism. Binds to IL6R, then the complex associates to the signaling subunit IL6ST/gp130 to trigger the intracellular IL6-signaling pathway (Probable). The interaction with the membrane-bound IL6R and IL6ST stimulates "classic signaling", whereas the binding of IL6 and soluble IL6R to IL6ST stimulates "trans-signaling". Alternatively, "cluster signaling" occurs when membrane-bound IL6:IL6R complexes on transmitter cells activate IL6ST receptors on neighboring receiver cells (Probable).

Immunogen Information

Immunogen
E. coli-derived human IL-6 protein
Pro29-Met212
Accession #Q75MH2

Cross-Reactivity

No cross-reactivity in ELISA and WB with
Recombinant human CNTF□IL-2 □IL-3□G-CSF□ IL-4 □M-CSF□IL-5 □IL-1A□IL-1B
□IL-6RA□IL-6RB□IL-7□IL-8&Recombinant mouse IL-6□IL-2□IL-4□IL-11□ IL-12

Assay Applications
