Leader in Biomolecular Solutions for Life Science

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# Rabbit anti-Human IL-6 mAb (CAP)

**Catalog No.: RM17629**

## Basic Information

**Catalog No.**
RM17629

**Catagory**
Elisa Antibody Kit

**Application**
CLIA

## Product Information

**Ig Type**
Rabbit IgG

**Purification**
Affinity purification

**Endotoxin Level**

**Storage**
Store at -20℃
**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

This gene encodes a cytokine that functions in inflammation and the maturation of B cells. In addition, the encoded protein has been shown to be an endogenous pyrogen capable of inducing fever in people with autoimmune diseases or infections. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including suspectibility to diabetes mellitus and systemic juvenile rheumatoid arthritis. Elevated levels of the encoded protein have been found in virus infections, including COVID-19 (disease caused by SARS-CoV-2).

## 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