Rabbit anti-Human IL-6 mAb (DET)



Catalog No.: RM17631

Basic Information

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RM17631

Catagory

Elisa Antibody Kit

Application

CLIA

Product Information

Ig Type

Rabbit IgG

Purification

Affinity purification

Endotoxin Level

Storage

Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05% ProClin 300. 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