

Product Datasheet

Name: Mouse Anti-IL-6 Monoclonal Antibody

Description: Hybridoma clones have been derived from hybridization of myeloma cells with spleen cells of BALB/c mouse immunized with recombinant human IL-6.

Catalog No.	Clone	Isotype	Unit	Usage	Buffer
V0402	5C7K	IgG1	mg	Capture	10mM PBS (pH7.4)

Specificity: Mabs react with antigen human IL-6

Host: Mouse

Clonality: Monoclonal

Format: Liquid

Concentration: ≥1mg/ml

Purification: ≥90% (SDS-PAGE)

Preservative: 0.1%Proclin300

Application: Recommended for sandwich immunoassays in ELISA and CLIA. Each laboratory should determine an optimum working titer for use in its particular application.

Storage: Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: Interleukin 6 (IL-6) is an interleukin that acts as both a pro-inflammatory cytokine and an anti-inflammatory myokine. In humans, it is encoded by the IL6 gene. Interleukin 6 is secreted by T cells and macrophages to stimulate immune response, e.g. during infection and after trauma, especially burns or other tissue damage leading to inflammation. IL-6 also plays a role in fighting infection, as IL-6 has been shown in mice to be required for resistance against bacterium *Streptococcus pneumoniae*.

Note: This product as supplied is intended for research or further manufacturing use only.