

Basic Information

Product Name	Anti-IL6 Antibody (Clone#7D12)
Gene Name	IL6
Source	Mouse
Isotype	IgG2a
Species Reactivity	human
Tested Application	ELISA(Cap)
Contents	500 ug/ml antibody with PBS , 0.02% NaN ₃ , 1 mg BSA and 50% glycerol.
Immunogen	E. coli-derived human IL6 recombinant protein (Position: P29-M212).
concentration	500 ug/ml
Purification	protein G purified.
Dilution Ratios	ELISA(Cap):1:50-1:200

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

Background Information

Interleukin-6(IL-6) is a protein that in humans is encoded by the IL6 gene. IL-6 is an interleukin that acts as both a pro-inflammatory and anti-inflammatory cytokine. It is secreted by T cells and macrophages to stimulate immune response to trauma, especially burns or other tissue damage leading to inflammation. IL-6 is one of the most important mediators of fever and of the acute phase response. IL-6 is also essential for hybridoma growth and is found in many supplemental cloning media such as briclone. Bowcock et al.(1988) assigned the IL6 gene to chromosome 7p21. By in situ hybridization and Southern blot analysis of mouse-human hybrid cell lines, Sutherland et al.(1988) mapped the IL-6 gene to chromosome 7p15.

Reference

Anti-IL6 Antibody (Clone#7D12)被引用在1文献中。

Selected Validation Data

Product datasheet

Anti-IL6 Antibody (Clone#7D12)

Catalog Number: **M00102-2**

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