



Anti-IL6 monoclonal antibody, clone 40D4 (CABT-ZC1189)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat Monoclonal Antibody to Human IL6 molecule
Antigen Description	Interleukin-6 (IL-6) is a proinflammatory cytokine secreted by T cells and macrophages to stimulate immune response to trauma, especially burns or other tissue damage leading to inflammation. IL-6 is especially important in the early stages of T-cell differentiation. In this phase, it reinforces the effect of IL-2 and promotes the differentiation of CD4 cells into T-helper2 cells.
Target	IL6
Immunogen	Full length human recombinant protein of human IL-6 produced in E. coli cell.
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Human
Clone	40D4
Conjugate	Unconjugated
Applications	ELISA, LMNX
Buffer	Stored in PBS (pH 7.4) with 0.05% sodium azide, 10mg/ml BSA, 50% glycerol.
Preservative	0.05% Sodium Azide
Storage	Shipped at 4 °C. Upon delivery store at -20 °C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

GENE INFORMATION

Entrez Gene ID [3569](#)

UniProt ID [B4DVM1](#)
