10-2003: Recombinant anti-human-IL-1 beta Antibody (Canakinumab)

Clonality : Monoclonal
Application : Functional Assay, IP, ELISA, ICC/IF, IHC, FACS
Reactivity : Human
Gene : IL1B
Gene ID : 3553
Uniprot ID : P01584
Format : Purified
Alternative Name : Interleukin-1 beta, Catabolin

Description

Target: IL-1 Beta
Generic name: Canakinumab
Product Origin: Recombinant in CHO cells

Canakinumab is a recombinant, human anti-human-IL-1β monoclonal antibody that belongs to the IgG1/k isotype subclass with a molecular mass of 145157 Daltons when deglycosylated. Canakinumab binds to human IL-1β and neutralizes its inflammatory activity by blocking its interaction with IL-1 receptors, but it does not bind IL-1alpha or IL-1 receptor antagonist (IL-1ra).

References:

Product Info

Amount : 100 µg
Purification : Purity: >98.0% as determined by SEC-HPLC & SDS-PAGE.
Content : 10mM Phosphate pH-7.0, 150 mM NaCl, 20% Glycerol
Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.
Amino Acid : PepMap Analysis of N terminal amino acids sequence : H chain: QVQLVESGGG, L chain: EIVLTQSPDFQS

Application Note

Specificity: Human IL1 beta. Does not cross react with other members of the interleukin-1 family.

Inquire for more than 1 mg quantities.

Availability 5-7 weeks.