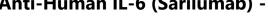
Anti-Human IL-6 (Sarilumab) - Biotin





Product Information

IVMB0457

Product SKU: IVMB0457 Clone: Hu137 Target: IL-6

Size: 100 μg Isotype: Human IgG1κ

Additional Information

Reactivity: Human Host Species: Human

Antibody Type: Biosimilar Recombinant Human Monoclonal Antibody Expression Host: HEK-293 Cells

Immunogen Information

Background: IL-6 and its signaling pathway play a part in immune response regulation, inflammation, and

hematopoiesis.2 Sarilumab is a research-grade recombinant human monoclonal IL-6

receptor antagonist. It specifically binds to both the transmembrane and soluble forms of

the IL-6 receptor, thus inhibiting IL-6-mediated cis and trans-signaling in a dose-dependent

manner.1 Therapeutic Sarilumab, also known by the trade name Kevzara, is currently used

to treat Rheumatoid Arthritis1, however, as of March 2020, The Feinstein Institute of

Northwell Health publicized a study on "a human antibody that may prevent the activity" of

IL-6 for the treatment of COVID-19.3 Anti-Human IL-6 (Sarilumab) utilizes the same variable

regions from the therapeutic antibody Sarilumab making it ideal for research projects.

Product Concentration: 0.5 mg/ml

Applications: ELISA

Synonyms: Interleukin-6, CDF; HGF; HSF; BSF2; BSF-2; IFNB2; IFN-beta-2

Antigen Distribution: IL-6R is ubiquitously expressed.

Additional Applications: FA

Formulation: This Biotinylated antibody is formulated in 0.01 M phosphate buffered saline (150 mM NaCl)

PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.



Specificity: This non-therapeutic antibody uses the same variable region sequence as the therapeutic

antibody Sarilumab. Sarilumab binds to the transmembrane and soluble forms of the IL-6

receptor. This product is for research use only.

Pathogen Testing: -

Storage & Handling: This biotinylated antibody is stable when stored at 2-8°C.Do not freeze.