Anti-Human IL-6 (Sarilumab) - APC

IVMB0459

Product Information

Product SKU:	IVMB0459	**Clone**:	Hu137	**Target**:	IL-6
Size:	50 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: 0.2 mg/ml

Applications: FA

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

Antigen Distribution: IL-6R is ubiquitously expressed.

Additional Applications: IHC (Paraffin)IHC (Frozen)

Formulation: This Allophycocyanin (APC) conjugate 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.

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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 Allophycocyanin (APC) conjugate is stable when stored at 2-8°C.Do not freeze.

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