C119P: Sarilumab Biosimilar, Human IL-6R Monoclonal Antibody

Catalog No.: C119P | **Product Name:** Sarilumab Biosimilar, Human IL-6R Monoclonal Antibody

The research grade Sarilumab biosimilar protein is for research use only (RUO). Recombinant human IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

PRODUCT SPECIFICATIONS

Catalog No.	C119P
Product Name	Sarilumab Biosimilar, Human IL-6R Monoclonal Antibody
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Synonyms	Interleukin 6, IL-6, IL6, BSF2, HGF, HSF, IFNB2, BSF-2, CDF, IFN-beta-2, Interleukin 6 receptor, CD126, Cluster of Differentiation 126, IL-6R-1, IL-6RA, IL6Q, IL6RA, IL6RQ, gp80
Isotype	Human IgG1 kappa.
Source/Host	The anti-human IL-6R monoclonal antibody sarilumab biosimilar was produced in mammalian cells.
Specificity/Sensitivity	The in vivo grade sarilumab biosimilar specifically binds to the IL-6R protein.
Applications	ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by sarilumab.
Form Of Antibody	0.2 μM filtered solution, pH 7.4, no stabilizers or preservatives.
Endotoxin	< 1 EU per 1 mg of the protein by the LAL method.
Purity	>95% by SDS-PAGE under reducing conditions and HPLC.
Shipping	The Sarilumab Biosimilar, Human IL-6R Monoclonal Antibody is shipped with ice pack. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 1 month from date of receipt, 2 to 8°C as supplied.
Note	The research grade Sarilumab biosimilar protein is for research use only (RUO). Recombinant human IgG1 isotype controls are available. Condition of sample preparation and optimal sample dilution should be determined experimentally by the investigator.

REFERENCES & BACKGROUND

Recombinant Humanized IgG1 kappa Monoclonal Antibody.

Sarilumab is a human monoclonal antibody directed against the interleukin-6 receptor (IL-6R). By binding to both soluble and membrane-bound IL-6 receptors (sIL-6R and mIL-6R), it inhibits IL-6-mediated signaling complexes, providing an essential reagent for inflammatory disease research, bioanalytical PK/ADA assay development, and functional receptor neutralization assays.