C033P: Minretumomab Biosimilar, TAG-72 Monoclonal Antibody

Catalog No.: C033P | **Product Name:** Minretumomab Biosimilar, TAG-72 Monoclonal Antibody

Minretumomab Biosimilar, TAG-72 Monoclonal Antibody. The research grade Minretumomab 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

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Product Name	Minretumomab Biosimilar, TAG-72 Monoclonal Antibody
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Synonyms	Tumor-associated glycoprotein 72, TAG-72
Summary	Recombinant Humanized IgG1 Monoclonal Antibody.
Isotype	Human IgG1 kappa.
Source/Host	The anti-human TAG-72 monoclonal antibody minretumomab biosimilar was produced in mammalian cells.
Specificity/Sensitivity	The research grade minretumomab biosimilar specifically binds to the human TAG-72 protein.
Applications	ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by minretumomab.
Form Of Antibody	0.2 μM filtered solution, pH 7.4, no stabilizers or preservatives.
Endotoxin	<1 EU/mg of the protein by the LAL method.
Purity	>95% by SDS-PAGE under reducing conditions and HPLC.
Shipping	The research grade minretumomab biosimilar 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.
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REFERENCES & BACKGROUND

What is Minretumomab biosimilar research grade? Minretumomab Biosimilar uses the same protein sequences as the therapeutic antibody minretumomab. Minretumomab is a mouse monoclonal antibody that was designed for the treatment of cancers that express the TAG-72 antigen. This includes breast, colon, lung, and pancreatic cancers. A wide range of derivatives has been used in pharmaceutical research. Examples include chimeric and humanized minretumomab, as well as a fusion protein of a minretumomab single-chain variable fragment and the enzyme beta-lactamase. The research grade Minretumomab biosimilar is provided as a recombinant humanized IgG1 form for in vitro and in vivo research applications targeting TAG-72-positive tumors.