C064P: Satumomab Biosimilar, Anti-human TAG-72 Monoclonal Antibody

Catalog No.: C064P | **Product Name:** Satumomab Biosimilar, Anti-human TAG-72 Monoclonal Antibody

The cheapest research grade satumomab biosimilar (anti-human TAG-72 monoclonal antibody, mAb) for ELISA, neutralization, in vivo functional assays such as bioanalytical PK and ADA assays, and those in vitro and in vivo assays for studying biological pathways affected by satumomab. The research grade satumomab biosimilar protein is for research use only.

PRODUCT SPECIFICATIONS

Catalog No.	C064P
Product Name	Satumomab Biosimilar, Anti-human TAG-72 Monoclonal Antibody
Supplier Name	Syd Labs, Inc.
Brand Name	Syd Labs
Synonyms	tumor-associated glycoprotein 72, TAG72
Summary	Recombinant Humanized IgG1 Monoclonal Antibody.
Isotype	Human IgG1.
Source/Host	The anti-human TAG-72 monoclonal antibody satumomab biosimilar was produced in mammalian cells.
Specificity/Sensitivity	The in vivo grade satumomab biosimilar specifically binds to the human tumor-associated glycoprotein TAG-72.
Applications	ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways affected by satumomab.
Form Of Antibody	0.2 μM filtered solution, pH 6.0, no stabilizers or preservatives.
Endotoxin	< 0.1 EU per 1 μg of the protein by the LAL method.
Purity	>95% by SDS-PAGE under reducing conditions and HPLC.
Shipping	The research grade satumomab 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.
Note	The research grade satumomab 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

What is satumomab biosimilar research grade? Satumomab is a murine monoclonal antibody that recognizes the tumor-associated glycoprotein 72 (TAG-72), a mucin-like glycoprotein highly expressed on a variety of adenocarcinomas, including colorectal, gastric, ovarian, and breast cancers, while showing limited expression on normal tissues. Satumomab (as the indium-111 labeled conjugate OncoScint CR/OV) was historically used for radioimmunoscintigraphy in the detection of colorectal and ovarian cancers. Satumomab biosimilar uses the same protein sequences as the therapeutic/diagnostic antibody satumomab.