

Human TAG-72 Monoclonal Antibody

Catalog No.: YR0099

Basic Information

Molecular Weight

150 kDa

Endotoxin

<1EU/mg (<0.001EU/μg) Determined by LAL gel clotting assay

Sterility

0.2 μm filtration

Aggregation

<5% Determined by SECP

Purity

>95% Determined by SDS-PAGE

Background

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.

Reported Applications

ELISA, neutralization, functional assays such as bioanalytical PK and ADA assays, and those assays for studying biological pathways

Immunogen Information

Clone

Minretumomab Biosimilar

Isotype

Human IgG1 kappa

Immunogen

Human TAG-72

Recommended Isotype Control(s)

In Vivo Grade Recombinant Human IgG1 Kappa Isotype Control Antibody

Recommended Dilution Buffer

1×PBS pH 7.4

Contact

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Product Information

Production

Purified from cell culture supernatant in an animal-free facility

Purification

Protein A or G purification

Storage

Store at 2 - 8°C. 2 - 8°C for up to 4 weeks and -80°C for long term storage (Avoid repeated freezing and thawing)