

Human RSV Monoclonal Antibody

Catalog No.: YR0070

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

Palivizumab, a humanized anti-RSV (respiratory syncytial virus) monoclonal antibody, targets an epitope in the A antigenic site of the F protein of RSV, inhibiting its entry into the cell and thereby preventing infection.

Reported Applications

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

Immunogen Information

Clone

Palivizumab Biosimilar

Isotype

Human IgG1 kappa

Immunogen

Respiratory Syncytial Virus F protein

Recommended Isotype Control(s)

In Vivo Grade Recombinant Human IgG1 Kappa Isotype Control Antibody

Recommended Dilution Buffer

1×PBS pH 7.0

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

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