

# Rituximab Biosimilar (LALAPG) - Research Grade

Rituximab Biosimilar - Research Grade: LALAPG

## Product Benefits:

ichorbio's Rituximab Biosimilar - Research Grade is manufactured in a cGMP compliant facility. This version of rituximab is Fc Silenced using the LALAPG mutation

## Size:

ichorbio's research grade rituximab biosimilar is available in the following sizes: 0.5mg, 1mg, 5mg, 10mg, 20mg  
ichorbio regularly manufactures bulk multi-gram amounts of our Fc silenced rituximab biosimilar - please contact us for pricing.

## Target:

CD20

## Clone:

n/a

## Isotype:

Human IgG1-Kappa

## Other Names:

B-lymphocyte surface antigen B1, Bp35, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1, MS4A1

## Host:

Humanized

## Species Reactivity:

Human

## Specificity:

Detects human CD20.

## Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

## Background:

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Rituximab is a genetically engineered chimeric murine/human monoclonal IgG1 kappa antibody directed against the CD20 antigen. Rituximab has an approximate molecular weight of 145 kD. ichorbio's Rituximab is produced in mammalian cells -Chinese Hamster Ovary.

**Concentration:**

1.0 - 5.0 mg/ml

**Formulation:**

Sterile, clear, colorless, preservative-free solution containing polysorbate 80, sodium chloride, sodium citrate. The pH is 6.5. BSA and Azide free.

**Purity:**

>95% by SDS-PAGE and HPLC

**Endotoxin:**

? 0.75 EU/mg as determined by the LAL method

**Storage:**

Rituximab Biosimilar - Research Grade: LALAPG is stable for at least four (4) weeks when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

**Applications:**

Functional Assays

**Application Notes:**

Each investigator should determine their own optimal working dilution for specific applications.

**Use:** ichorbio's Fc silenced rituximab biosimilar is for research use only (RUO). **Isotype Control:**

[Bulk Human IgG1 Isotype Control \(IB1\) LALAPG \[ICH2254LALAPG\]](#)