

# Rituximab Biosimilar N297A Research Grade

**Rituximab Biosimilar - Research Grade: N297A**

## **Product Benefits:**

ichorbio's Rituximab Biosimilar - Research Grade is manufactured in a cGMP compliant facility. This version of rituximab is Fc Silenced using the N297A 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(N297A)-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:**

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: N297A 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 \(IB1\) N297A \[ICH2254N297A\]](#)