

# Urelumab Biosimilar - Research Grade

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## Product Details:

ichorbio's urelumab biosimilar is for Research Use Only (RUO)

## Size:

ichorbio's RUO urelumab biosimilar is available in the following sizes: 1mg, 5mg, 10mg, 20mg, 50mg, 100mg  
ichorbio regularly manufactures bulk multi-gram amounts of this biosimilar - please contact us for pricing.

## Target:

4-1BB

## Isotype:

IgG4 (S228P)-kappa

## Other Names:

4-1BB ligand receptor, T-cell antigen 4-1BB, Tnfrsf9, Ila, Ly63, CD137

## Host:

CHO

## Species Reactivity:

Human

## Specificity:

Detects human 4-1BB.

## Purification Method:

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

## Background:

RUO urelumab is a humanized agonistic monoclonal antibody targeting 4-1BB with potential immunostimulatory and antineoplastic activities. Urelumab specifically binds to and activates CD137-expressing immune cells, stimulating an immune response, in particular a cytotoxic T cell response, against tumor cells. .

## Concentration:

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1.0 - 5.0 mg/ml

**Formulation:**

Sterile, preservative-free, solution in PBS. BSA and Azide free.

**Purity:**

>95% by SDS-PAGE and HPLC

**Endotoxin:**

? 1.0 EU/mg as determined by the LAL method

**Storage:**

Urelumab Biosimilar - Research Grade 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 urelumab biosimilar is for research use only (RUO). **Isotype Control:** [Bulk Human IgG4 Isotype Control S228P \(IB4\) \[ICH2257S228P\]](#)