

Daratumumab Biosimilar - Research Grade

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Product Benefits:

ichorbio's Daratumumab Biosimilar - Research Grade is for Research Use Only (RUO)

Target:

CD38

Clone:

n/a

Size:

ichorbio's Daratumumab Biosimilar - Research Grade is available in the following sizes: 0.1mg, 5mg, 10mg, 20mg, 50mg, 100mg

Isotype:

Human IgG1 kappa

Other names:

ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1 , ADPRC 1, cADPr hydrolase 1

Uniprot:

[P56528](#)

Host:

Humanised

Species Reactivity:

Human

Specificity:

Detects human CD38.

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.

Antigen Distribution:**Background:**

Daratumumab biosimilar is an immunoglobulin G1 kappa (IgG1?) human monoclonal antibody against CD38 antigen, produced in a mammalian cell line (Chinese Hamster Ovary [CHO]) using recombinant DNA technology. The molecular weight of daratumumab is approximately 148 kDa.

Immunogen:**Concentration:**

5mg/ml

Formulation:

Phosphate buffered saline (PBS) pH 7.2, with no carrier protein, potassium or preservatives added. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

? 1.0 EU/mg as determined by the LAL method

Storage:

Stable for at least one week 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.

Use:

Products are for research use only.

Isotype Control:

[Bulk Human IgG1 Isotype Control \(IB1\) \[ICH2254\]](#)