

Natalizumab Biosimilar - Research Grade

Product Code: ICH4037

Bulk Natalizumab Biosimilar - Research Grade

Product Benefits:

ichorbio's Natalizumab Biosimilar - Research Grade is manufactured in a cGMP compliant facility.

Size:

ichorbio's research grade natalizumab biosimilar is available in the following sizes: 5mg, 10mg, 20mg, 50mg, 100mg ichorbio regularly manufactures bulk multi-gram amounts of our natalizumab biosimilar - research grade. Please contact us for pricing.

Target:

$\alpha 4\beta 1$ integrin

Clone:

n/a

Isotype:

Human IgG4

Other Names:

alpha-4 integrin

Host:

CHO Cells

Species Reactivity:

Human

Specificity:

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2026

Detects human $\alpha 4\beta 1$ integrin.

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:

Natalizumab biosimilar - research grade is a humanized monoclonal antibody that blocks $\alpha 4\beta 1$ integrin. It is an IgG1 kappa immunoglobulin with an approximate molecular weight of 149 kDa.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

Sterile, preservative-free, buffer includes sodium chloride; sodium phosphate, monobasic, monohydrate; sodium phosphate, dibasic, heptahydrate; polysorbate 80, pH 6.1. BSA and Azide free.

Purity:

>98% by SDS-PAGE and HPLC

Endotoxin:

≤ 1.0 EU/mg as determined by the LAL method

Storage:

Natalizumab 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.

Isotype Control:

[Bulk Human IgG4 Isotype Control \(IB4\) \[ICH2257\]](#)

Use: ichorbio's natalizumab biosimilar is for research use only (RUO).