

Utomilumab Biosimilar - Research Grade

Product Code: ICH5014

Utomilumab Biosimilar - Research Grade

Product Details:

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

Size:

ichorbio's RUO utomilumab 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:

IgG2

Other Names:

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

Host:

CHO cells

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 Utomilumab is a fully-human IgG2 agonist mAb that selectively binds human 4-1BB/CD137, resulting in NF- κ B activation and downstream cytokine production in cell lines and primary lymphocytes. Utomilumab can induce human leukocyte proliferation and has demonstrated significant antitumor activity as a single agent in human peripheral blood lymphocyte (PBL) SCID xenograft tumor models.

Concentration:

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:

$\leq$ 1.0 EU/mg as determined by the LAL method

Storage:

Utomilumab 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 utomilumab biosimilar is for research use only (RUO). **Isotype Control:**

[Bulk Human IgG2 Isotype Control \(IB2\) \[ICH2255\]](#)