

Muromonab Biosimilar - Research Grade

Muromonab-CD3 Biosimilar - Research Grade

Product Details:

ichorbio's muromonab-CD3 biosimilar is for Research Use Only (RUO)

Size:

ichorbio's RUO muromonab-CD3 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:

CD3e

Isotype:

Mouse IgG2a CH1+Human IgG1 CH2+CH3-Mouse Kappa

Other Names:

OKT-3

Host:

CHO cells

Species Reactivity:

Human

Specificity:

Detects human CD3e.

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:

Muromonab is an immunosuppressant drug given to reduce acute rejection in patients with organ transplants. It is a monoclonal antibody targeted at the CD3 receptor, a membrane protein on the surface of T cells. It was the first monoclonal antibody to be approved for clinical use in humans.

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:

Muromonab-CD3 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 muromonab-CD3 biosimilar is for research use only (RUO).