

Ado-Trastuzumab Emtansine Biosimilar - Research Grade

Product Code: ICH4014

Bulk Ado-trastuzumab emtansine - Research Grade

Product Benefits:

ichorbio's Ado-trastuzumab emtansine Biosimilar - Research Grade is manufactured in a cGMP compliant facility. Our ado-trastuzumab emtansine biosimilar is for research use only (RUO).

Size:

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

Target:

ErbB2

Clone:

n/a

Isotype:

IgG1

Other Names:

Receptor tyrosine-protein kinase erbB-2, MLN 19, HER2, HER2/neu

Host:

Humanized

Species Reactivity:

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Human

Specificity:

Detects human HER2.

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:

Ado-trastuzumab emtansine is a HER2-targeted antibody-drug conjugate which contains the humanized anti-HER2 IgG1, trastuzumab, covalently linked to the microtubule inhibitory drug DM1 via the stable thioether linker MCC. Trastuzumab is produced by Chinese hamster ovary cells, and DM1-MCC are produced by chemical synthesis. Ado-trastuzumab emtansine contains an average of 3.5 DM1 molecules per antibody.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

Sterile, colorless liquid without preservatives, containing polysorbate 20, sodium succinate, sucrose, pH 5.0. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

≤ 0.75 EU/mg as determined by the LAL method

Storage:

This antibody is stable for at least 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at - 20°C or -80°C. Avoid repeated freeze thaw cycles.

Applications:

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Functional Assays

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use: ichorbio's ado-trastuzumab biosimilar emtansine is for research use only (RUO).

Isotype Control:

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