

Sintilimab Biosimilar - Research Grade

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Product Benefits:

ichorbio's Sintilimab Biosimilar - Research Grade is manufactured in a cGMP compliant facility. This sintilimab biosimilar is for Research Use Only (RUO) Click [here](#) to view ichorbio's complete list of anti-PD-1 antibodies and biosimilars.

Size:

ichorbio's sintilimab biosimilar is available in the following sizes: 1mg, 5mg, 10mg, 20mg, 50mg, 100mg ichorbio regularly manufactures bulk multi-gram amounts of our sintilimab biosimilar - please contact us for pricing.

Target:

PD-1

Isotype:

IgG4 kappa

Other Names:

Programmed cell death protein 1, Pdcd1, CD279

Host:

CHO cells

Species Reactivity:

Human

Specificity:

Detects human PD-1.

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:

Sintilimab biosimilar is a humanized monoclonal antibody that blocks the interaction between PD-1 and its ligands, PD-L1 and PD-L2. It is an IgG4 kappa immunoglobulin with an approximate molecular weight of 149 kDa.

Concentration:

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1.0 - 5.0 mg/ml

Formulation:

Sterile, preservative-free, clear to milky white colorless to slightly yellow solution, containing L-histidine , polysorbate 80 and sucrose. pH set to 5.5. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

≤ 0.75 EU/mg as determined by the LAL method

Storage:

Sintilimab 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.

Isotype Control:

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

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