

# Sintilimab Biosimilar - Research Grade

## Sintilimab Biosimilar - Research Grade

### 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, Pdc1, 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:**

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).