

Durvalumab Biosimilar - Research Grade

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Product Benefits:

ichorbio's Durvalumab Biosimilar - Research Grade is manufactured in a cGMP compliant facility. Our Durvalumab biosimilar is for Research Use Only (RUO)

Size:

ichorbio's RUO Durvalumab 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:

PD-L1

Isotype:

IgG1 kappa

Other Names:

Programmed cell death 1 ligand 1, Cd274, PDCD1 ligand 1, Programmed death ligand 1, B7 homolog 1, B7-H1, B7h1, Pcd111, Pcd11g1, Pdl1, PDL-1

Host:

HEK-293

Species Reactivity:

Human

Specificity:

Detects human PD-L1.

Purification Method:

This recombinant antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Background:

RUO Durvalumab biosimilar is a humanized monoclonal antibody that blocks the interaction between PD-1 and its ligands, PD-L1 and PD-L2. It is an IgG1 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:

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

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