

Bulk Human IgG4 (IB4) Isotype Control SPLEPG

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Product Benefits:

ichorbio's bulk Human IgG4 Isotype Control (IB4) SPLEPG is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility.

Target:

IgG4

Clone:

IB4

Size:

ichorbio's recombinant human IgG4 SPLEPG isotype control is available in the following bulk sizes: 5mg, 25mg, 50mg and 100mg. ichorbio regularly manufactures multi-gram amounts of our human IgG4 SPLEPG isotype control - please contact us for pricing.

Isotype:

Human IgG4

Host:

CHO

Species Reactivity:

Human

Specificity:

This Human IgG4 isotype control recombinant antibody has been tested against selected species' cells and tissues to assure minimal cross reactivity. This isotype control contains the SPLEPG mutations - S228P L235E P329G .

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:

Recombinant IgG4 human antibody with SPLEPG mutation.

Concentration:

ichor.bio // hello@ichor.bio

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>5.0 mg/ml

Formulation:

This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (PBS) pH 7.2 - 7.4, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and azide free

Purity:

>95% by SDS-PAGE and HPLC

>98% by SDS-PAGE and HPLC

Endotoxin:

? 1.0 EU/mg as determined by the LAL method

? 0.75 EU/mg as determined by the LAL method

Aggregation:

Aggregation level ? 5%

Aggregation level ? 1%

Storage:

This antibody is stable for at least one week 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:

Flow Cytometry, Functional Assays

Application Notes:

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

Use:

Products are for research use only.