

Bulk Human IgG4 (IB4) Isotype Control SPLEPG

Product Code: ICH2257SPLEPG

Bulk Human IgG4 Isotype Control (IB4) SPLEPG

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 SPELPG 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:

>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 $\leq 5\%$

Aggregation level $\leq 1\%$

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.