

Bulk Human IgG1 (IB1) Isotype Control

Product Benefits:

ichorbio's bulk Human IgG1 Isotype Control (IB1) is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from [Bio X Cell](#) at less than 1.0 EU/mg. ichorbio: the best antibodies for *in vivo* research.

Target:

n/a. We mutated the CDR regions of a human IgG1 antibody to abolish binding to human proteins.

Clone:

IB1

Size:

ichorbio's Human IgG1 Isotype Control (IB1) is available in the following bulk sizes: 5mg, 25mg, 50mg and 100mg. ichorbio regularly manufactures multi-gram amounts of our human IgG1 antibody - please contact us for pricing.

Isotype:

Human IgG1 kappa

Host:

CHO cells

Species Reactivity:

n/a

Specificity:

This Human IgG1 isotype control recombinant antibody has been tested against selected human cells and tissues to assure minimal cross reactivity to human proteins.

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 IgG1 human antibody.

Concentration:

>5.0 mg/ml

Formulation:

This Human IgG1 Isotype Control (IB1) 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 4 weeks when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at – 20°C or -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.