

# Bulk Human IgG1 (IB1) Isotype Control N297A

**Product Code:** ICH2254N297A

**Bulk Human IgG1 Isotype Control (IB1) N297A**

**Product Benefits:**

ichorbio's bulk Human IgG1 Isotype Control (IB1) N297A is manufactured in a cGMP compliant, ISO Quality Standard 9001:2015 facility. It is suitable for in vivo use.

**Target:**

IgG1

**Clone:**

IB1

**Size:**

ichorbio's Human IgG1 Isotype Control (IB1) N297A is available in the following bulk sizes: 5mg, 25mg, 50mg and 100mg. ichorbio regularly manufactures multi-gram amounts of our human IgG1 antibody with N297A mutation - please contact us for pricing.

**Isotype:**

Human IgG1 kappa

**Host:**

CHO cells

**Species Reactivity:**

Human

**Specificity:**



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

**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 with a replacement of Asparagine with Alanine at 297 (N297A).

**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:**

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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.