

# Bulk Human IgG1 (IB1) Isotype Control LALAPG

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

## **Product Benefits:**

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

## **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) LALAPG is available in the following bulk sizes: 5mg, 25mg, 50mg and 100mg. ichorbio regularly manufactures multi-gram amounts of our human IgG1 antibody with LALAPG 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 human 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 Leucine with Alanine at 234 and Leucine with Alanine at 235, together with Proline and Glycine at 329 (LALAPG).

**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 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.