

# Mouse IgG1 (IB5) Isotype Control D265A for In Vivo

**Product Benefits:**

ichorbio's Mouse IgG1 Isotype Control for In Vivo (IB5) D265A is manufactured in an cGMP compliant facility.

**Clone:**

IB5

**Isotype:**

IgG1

**Host:**

Mouse

**Specificity:**

This Mouse IgG1 isotype control recombinant antibody has been tested against selected species' cells and tissues to assure minimal cross reactivity. This Mouse IgG1 antibody is suitable for in vivo applications. This Mouse IgG1 antibody contains the D265A mutation to reduce its effector function.

**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.

**Concentration:**

1.0 - 5.0 mg/ml

**Formulation:**

This 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.

**Purity:**

>95% by SDS-PAGE and HPLC

**Endotoxin:**

? 1.0 EU/mg as determined by the LAL method

**Aggregation:**

Aggregation level ? 5%

**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:**

This Mouse IgG isotype control antibody should be used at the same concentration as the primary antibody.

**Use:**

Products are for research use only.