

Armenian Hamster IgG (PIP) Isotype Control for In Vivo - Low Endotoxin

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Product Specific Citations

Chuah et al. Uncoupling immune trajectories of response and adverse events from anti-PD-1 immunotherapy in hepatocellular carcinoma. *Journal of Hepatology* (2022).

Product Benefits:

ichorbio's Armenian Hamster IgG Isotype Control for In Vivo - Low Endotoxin (PIP) is manufactured in an cGMP compliant facility. ichorbio's low endotoxin antibodies have half the endotoxin of comparable antibodies from [Bio X Cell](#) at less than 1.0 EU/mg. If ichorbio's low endotoxin antibodies are not low enough we also offer ultra low endotoxin antibodies which have even less endotoxin [0.5EU/mg] at an even higher purity [98% versus 95%]. ichorbio: the best antibodies for *in vivo* research.

Target:

GST

Clone:

PIP

Isotype:

IgG

Host:

Armenian Hamster

Specificity:

This Armenian Hamster IgG isotype control monoclonal 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.

Concentration:

0.5 mg/ml

Formulation:

This antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline [PBS] pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added.

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%

IMPACT Pathogen Test:

We use the IMPACT test generated by IDEXX Laboratories to guarantee our Ultra Low Endotoxin antibodies are pathogen free. Our hamster antibodies are tested for: Mycoplasma spp Mycoplasma pulmonis Pneumonia virus of mice Kilham's rat virus Toolan's H1 virus Hamster parvovirus Lymphocytic choriomeningitis Minute virus of mice Theiler's murine encephalomyelitis virus Sendai virus Reovirus 3 Hantaan virus

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 -20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

Applications:

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

Use:

Products are for research use only.