

Mouse IgG1 (HKSP84) Isotype Control for In Vivo - Low Endotoxin

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Product Benefits:

ichorbio's Mouse IgG1 Isotype Control for In Vivo - Low Endotoxin (HKSP84) 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.

Clone:

HKSP84

Isotype:

IgG1 kappa

Host:

Mouse

Specificity:

This Mouse IgG1 isotype control antibody has been tested against selected species' cells and tissues to assure minimal cross reactivity. HKSP84 is an anti-Keyhole Limpet Hemocyanin (KLH) antibody.

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

>98% by SDS-PAGE and HPLC

Endotoxin:

? 1.0 EU/mg as determined by the LAL method

? 0.5 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 mouse antibodies are tested for: Mycoplasma spp. Mycoplasma pulmonis Sendai virus Mouse hepatitis virus Pneumonia virus of mice Minute virus of mice Mouse parvovirus [MPV1-5] Theiler's murine encephalomyelitis virus Murine norovirus Reovirus 3 Mouse rotavirus Ectromelia virus Lymphocytic choriomeningitis virus Polyoma virus Lactate dehydrogenase-elevating virus Mouse adenovirus [MAD1, MAD2] Mouse cytomegalovirus K virus Mouse thymic virus Hantaan virus Corynebacterium bovis Corynebacterium spp. [HAC2]

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:

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

Use:

Products are for research use only.