

Product Datasheet

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Mouse IgG_{2b} Isotype Control [Clone MPC-11] — Purified *in vivo* GOLD™ Functional Grade

Isotype Control

Product Information

Product No.:	I-119
Clone:	MPC-11
RRID:	AB_2737535
Isotype:	Mouse Mouse IgG2b κ
Storage:	Sterile 2-8°C

Product Description

Specificity:

This Mouse IgG_{2b} isotype control antibody has been tested against selected species' cells and tissues to assure minimal cross-reactivity and is a non-reactive isotype-matched control for mouse IgG2b antibodies in most *in vivo* and *in vitro* applications.

Format:

in vivo GOLD™, Purified *in vivo* Functional Grade

Formulation

This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Purity

≥95% monomer by analytical SEC, >95% by SDS Page

Endotoxin

< 1.0 EU/mg as determined by the LAL method

Storage and Stability

Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≤ -70°C. **Avoid Repeated Freeze Thaw Cycles.**

Products are for research use only. Not for use in diagnostic or therapeutic procedures.

410 Axminister Dr, St. Louis, MO 63026

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Product Preparation

Functional grade preclinical antibodies are manufactured in an animal free facility using *in vitro* cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.

Applications

Applications and Recommended Usage (Quality Tested By Leinco):

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

Other Applications Reported in Literature:

FA

ICC

ICFC

IF Microscopy

IF Staining

WB

For specific conjugates of this clone, review literature for suggested application details.

Country of Origin

USA

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