

Mouse IgG_{2a} Isotype Control

Purified *in vivo* PLATINUM™ Functional Grade
Isotype Control

Product Information

Product No.: P381
Clone: C1.18.4
RRID: AB_2831654
Isotype: Mouse IgG_{2a} k
Storage: Sterile 2-8°C

Product Description

Specificity:

This Mouse IgG_{2a} isotype control is a monoclonal antibody and has been tested against selected species' cells and tissues to assure minimal cross reactivity.

Format:

Purified *in vivo* PLATINUM™ 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.

Purity

≥98% monomer by analytical SEC, >95% by SDS Page

Endotoxin

<0.5 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.

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.

Pathogen Testing

To protect mouse colonies from infection by pathogens and to assure that experimental preclinical data is not affected by such pathogens, all of Leinco's Purified Functional PLATINUM™ antibodies are tested and guaranteed to be negative for all pathogens in the IDEXX IMPACT I Mouse Profile.

Country of Origin

USA

References

1. Ikeda Y. *et al.* (2003) *Blood*.101(2):621-3. [Article Link](#)
2. Wright, TM *et al.* (2000) *J Immunol*.164(12):6138-46. [PubMed](#)
3. Wright, TM *et al.* (2001) *Arthritis Rheum*. 44(7):1654-9. [PubMed](#)
4. Nishikawa, Takeji *et al.* (2000) *Journal of Investigative Dermatology* 114(1): 88-94. [PubMed](#)