Leinco Technologies, Inc.
excellence in early discovery research™

Mouse IgG_{2a} Isotype Control

Purified No Carrier Protein

Recombinant Isotype Control

Product Information	
Product No.:	C581
Clone:	C1.18.4 (D265A)
Isotype:	Mouse IgG2a k

Product Description

Specificity:
This Mouse IgG2a (Anti-KLH) isotype control antibody has been tested against selected species' cells and tissues to assure minimal cross reactivity. This antibody was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissue.

Expression Host:
HEK-293 Cells

Format:
Purified No Carrier Protein

Immunogen:
KLH

Formulation
This recombinant 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% by SDS Page, ≥95% monomer by analytical SEC

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 year. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≥ -80°C. Avoid Repeated Freeze Thaw Cycles.

Product Preparation
Recombinant antibodies are manufactured in an animal free facility using only *in vitro* protein free 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.

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

410 Axminister Dr, St. Louis, MO 63026 (800) 538-1145 leincoglobal@leinco.com

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 recombinant biosimilar antibodies are tested and guaranteed to be negative for all pathogens in the IDEXX IMPACT I Mouse Profile.
Other Applications Reported in Literature:

FC,
FA

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