

Technical Data Sheet

Functional Grade Mouse IgG1 Isotype Control Antibody

Catalog Number: 301421, 301422, 301423, 301424

Size: 1 mg, 5 mg, 25 mg, 100 mg

Target Name: Mouse IgG1 Isotype Control

Regulatory Status: RUO

Product Details

Clone: MOPC-21

Application: Functional Assay

Reactivity: N/A

Format: LENP

Isotype: Mouse IgG1

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, with endotoxin level is less than 0.1Eu/ug as determined by LAL test.

Protein Concentration: The 1 mg size is provided at a concentration of 1 mg/mL. Other sizes are supplied at lot-specific concentrations.

Storage and Handling: Store the antibody undiluted at 2°C to 8°C. This LENP-grade (Low Endotoxin, No Preservative) antibody is preservative-free and should be handled using aseptic techniques.

Recommended Usage: Use at concentrations comparable to those used for the target-specific antibody.

Background Information

The clone of MOPC-21 antibody is mouse isotype IgG1, k. The MOPC-21 immunoglobulin has unknown specificity. It is chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.