

Technical Data Sheet

Functional Grade Mouse IgG2b Isotype Control Antibody

Catalog Number: 301611, 301612, 301613, 301614

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

Target Name: Mouse IgG2b Isotype Control

Regulatory Status: RUO

Product Details

Clone: MOPC-21-2b

Application: Functional Assay

Reactivity: N/A

Format: LENP

Isotype: Mouse IgG2b

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

This antibody is a clone of the MOPC-21 variable region with a Mouse IgG2b, kappa isotype. MOPC-21 immunoglobulin has an unknown antigen specificity and is commonly used as an isotype control. It was selected based on screening across a variety of resting and activated cells, as well as live and fixed tissues from mouse, rat, and human sources.