

## APC Mouse IgG2a Isotype Control (Fc silent) Antibody

<b>Catalog Number:</b>	303205, 303206
<b>Size:</b>	25 ug, 100 ug
<b>Target Name:</b>	Mouse IgG2a Isotype Control with Fc silent mutation
<b>Regulatory Status:</b>	RUO

### PRODUCT DETAILS

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<b>Clone:</b>	MOPC-173-SH
<b>Application:</b>	Flow Cytometry
<b>Reactivity:</b>	N/A
<b>Format:</b>	APC
<b>Isotype:</b>	Mouse IgG2a
<b>Antibody Type:</b>	Monoclonal
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
<b>Protein Concentration:</b>	0.2 mg/mL
<b>Storage&amp;Handling:</b>	Quick spin the vial after receiving. The antibody solution should be stored between 2°C and 8°C without dilution.
<b>Recommended Usage:</b>	Use at concentrations comparable to those used for the target-specific antibody. APC has an excitation max at 650 nm and an emission max at 660 nm.
<b>Excitation Laser:</b>	Red Laser (633 nm)

### BACKGROUND INFORMATION

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The clone of MOPC-173 antibody is mouse isotype IgG2a, 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. This clone carries LALAPG mutations to reduce or eliminate Fc-mediated effector functions