

## PE/Cyanine7 Rat IgG2a Isotype Control

<b>Catalog Number:</b>	303507
<b>Size:</b>	25 ug
<b>Target Name:</b>	Rat IgG2a Isotype Control
<b>Regulatory Status:</b>	RUO

### PRODUCT DETAILS

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<b>Clone:</b>	MOPC-21-R2a
<b>Application:</b>	Flow Cytometry
<b>Reactivity:</b>	N/A
<b>Format:</b>	PE/Cyanine7
<b>Isotype:</b>	Rat IgG2a, kappa
<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>	0.2mg/mL
<b>Storage&amp;Handling:</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
<b>Recommended Usage:</b>	Use at concentrations comparable to those used for the target-specific antibody. PE/Cyanine7 has an excitation max at 565 nm and an emission max at 774 nm.
<b>Excitation Laser:</b>	Blue Laser (488 nm) Green/Yellow laser (532/561nm)

### BACKGROUND INFORMATION

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This antibody is a clone of the MOPC-21 variable region with a rat IgG2a,  $\kappa$  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.