

## Product Datasheet

### Mouse IgG2a Isotype Control PerCP (orb222808)

<b>Catalog Number</b>	orb222808
<b>Description</b>	Mouse IgG2a Isotype Control (PerCP)
<b>Conjugation</b>	PerCP
<b>Tested Applications</b>	FC
<b>Immunogen</b>	The transplantable plasmacytoma MOPC-173 was induced by intraperitoneal injection of mineral oils into BALB/c mice.
<b>Preservatives</b>	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
<b>Concentration</b>	0.1 mg/ml
<b>Storage</b>	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
<b>Note</b>	For research use only
<b>Application notes</b>	Negative control: The reagent is intended as an isotype control to establish the amount of non-specific antibody binding. For your particular experiment, use the same concentration of this control antibody as the recommended working concentration of the antigen-specific antibody. Also, when working with prediluted antibodies, dilute the isotype control to the same concentration as is the concentration of the antigen-specific antibody in the prediluted antibody solution you are using. If under particular experimental conditions the background signal of the isotype control is too high (usually when working concentrations of used antibodies are above 10 µg/ml of incubation mixture), change the conditions of your experiment to reduce the background.
<b>Isotype</b>	Mouse IgG2a kappa
<b>Clonality</b>	Monoclonal
<b>Clone Number</b>	MOPC-173
<b>Antibody Type</b>	Secondary Antibody

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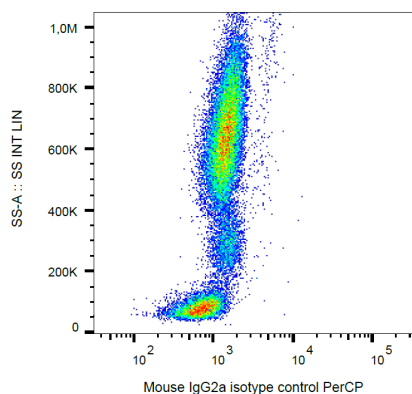
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**Purity**

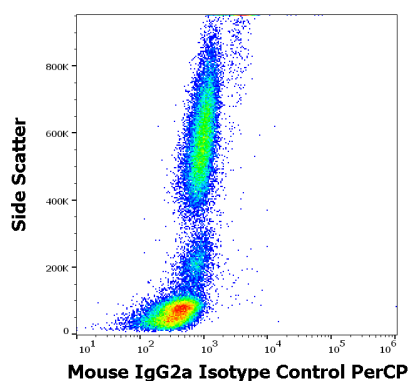
Purified antibody is conjugated with activated Peridinin-Chlorophyll Protein (PerCP) under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

**Expiration Date**

12 months from date of receipt.



Example of nonspecific mouse IgG2a (MOPC-173) PerCP signal on human peripheral blood; surface staining, 9 µg/ml.



Flow cytometry surface nonspecific staining pattern of human peripheral whole blood stained using mouse IgG2a Isotype control (MOPC-173) PerCP antibody (concentration in sample 5 µg/ml).

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