

Product Datasheet

Mouse IgG2a Isotype Control PerCP Antibody (orb222808)

Catalog Number	orb222808
Category	Antibodies
Description	Mouse IgG2a Isotype Control (PerCP)
Clonality	Monoclonal
Isotype	Mouse IgG2a kappa
Conjugation	PerCP
Concentration	0.1 mg/ml
Buffer/Preservatives	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	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.
Immunogen	The transplantable plasmacytoma MOPC-173 was induced by intraperitoneal injection of mineral oils into BALB/c mice.
Tested applications	FC

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Application notes

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.

Specificity

This mouse IgG2a monoclonal antibody (clone MOPC-173) reacts with an unknown epitope. It does not react with a variety of resting, activated, live, and fixed mouse, rat and human tissues.

Antibody Type

Secondary Antibody

Clone Number

MOPC-173

Storage

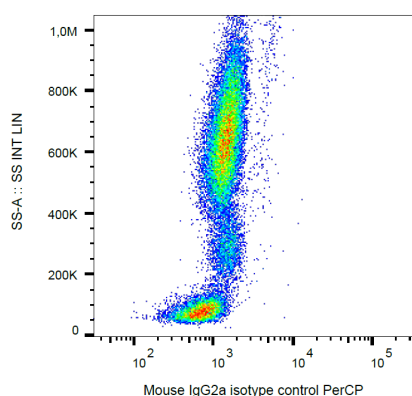
Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

Note

For research use only

Entrez**35****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.

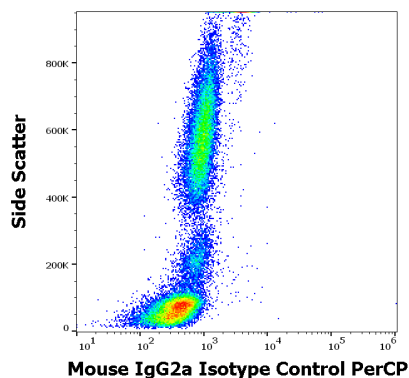
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Flow cytometry surface nonspecific staining pattern of human peripheral whole blood stained using mouse IgG2a Isotype control (MOPC-173) PerCP antibody (concentration in sample 5 µg/ml).

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