

Product Datasheet

Mouse IgG2a Isotype Control Purified Antibody (orb222802)

Catalog Number	orb222802
Category	Antibodies
Description	Mouse IgG2a Isotype Control
Clonality	Monoclonal
Isotype	Mouse IgG2a kappa
Conjugation	Unconjugated
Concentration	1 mg/ml
Buffer/Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Purification	Purified by protein-A affinity chromatography.
Immunogen	The transplantable plasmacytoma MOPC-173 was induced by intraperitoneal injection of mineral oils into BALB/c mice.
Tested applications	ELISA, FC, ICC, IHC-Fr, IHC-P, IP, WB
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.

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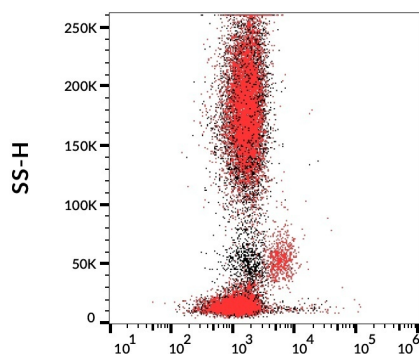
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Specificity	This mouse IgG2a monoclonal antibody (clone MOPC-173) reacts with an unknown epitope. It does not react with a variety of resting, activated, live, and fixed mouse, rat and human tissues.
Antibody Type	Secondary Antibody
Clone Number	MOPC-173
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Entrez	35
Expiration Date	12 months from date of receipt.



Example of nonspecific mouse IgG2a (MOPC-173) purified / GAM-APC signal (red) on human peripheral blood compared with blank (black).

Mouse IgG2a Isotype Control Purified GAM/APC

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