

Technical Data Sheet

Product **Mouse IgG2a Isotype Control Biotin**

Cat. Number/Size **1B-724-C025** **0.025 mg**  
**1B-724-C100** **0.1 mg**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Clone	MOPC-173
Format	Biotin
Negative species	Mouse, Rat, Human
Application	FC (QC tested)
Application details	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.
Isotype	Mouse IgG2a kappa
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.
Immunogen	The transplantable plasmacytoma MOPC-173 was induced by intraperitoneal injection of mineral oils into BALB/c mice.

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Concentration	1 mg/ml
Preparation	The purified antibody is conjugated with biotin-LC-NHS under optimum conditions. The reagent is free of unconjugated biotin.
Formulation	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.

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Images and References	<a href="http://www.exbio.cz">www.exbio.cz</a>
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