

Technical Data Sheet

Product **Mouse IgG1 Isotype Control Pacific Blue™**

Cat. Number/Size **PB-632-C025 0.025 mg**
PB-632-C100 0.1 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Clone	MOPC-21
Format	Pacific Blue™
Negative species	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.
Excitation laser	violet (405 nm)
Isotype	Mouse IgG1 kappa
Specificity	This mouse IgG1 kappa monoclonal antibody (clone MOPC-21) with unknown specificity has been confirmed as a good negative control with human and rat species, based on multiple testing on rat and human tissues.

Concentration	1 mg/ml
Preparation	The purified antibody is conjugated with Pacific Blue™ under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References	www.exbio.cz
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