

Technical Data Sheet

Product

**Rat IgG2a Isotype Control PE**

Cat. Number/Size

**1P-168-C025**

**0.025 mg**

**1P-168-C100**

**0.1 mg**

**For Research Use Only.**

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

Clone

RTG2A1-1

Format

PE

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

blue (488 nm)

Isotype

Rat IgG2a

Specificity

This rat IgG2a kappa monoclonal antibody (clone RTG2A1-1, also known as G2A-1-1 or KLH/G2A-1-1) detects specifically the hemocyanin of keyhole limpet and can be used as a negative control antibody in other species.

Concentration

0.1 mg/ml

Preparation

The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

Formulation

Stabilizing phosphate buffered saline (PBS) solution containing 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](http://www.exbio.cz)

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