
Product Datasheet

Mouse IgG2a Isotype Control (Biotin) (orb222805)

Description

Mouse IgG2a Isotype Control (Biotin)

Conjugation

Biotin

Tested Applications

ELISA, FC, ICC, IHC-Fr, IHC-P, IP, WB

Immunogen

The transplantable plasmacytoma MOPC-173 was induced by intraperitoneal injection of mineral oils into BALB/c mice.

Preservatives

Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide

Concentration

1 mg/ml

Storage

Store at 2-8°C. Do not freeze.

Note

For research use only

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.

Isotype

Mouse IgG2a kappa

Clonality

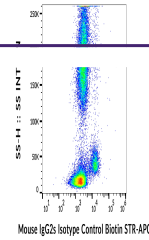
Monoclonal

Purity

Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin are removed by size-exclusion chromatography.

Dilution Range

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Example of nonspecific mouse IgG2a (MOPC...