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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mouse IgG₁ Isotype Control Monoclonal Antibody

CLX500AP
CLX500B
CLX500F
CLX500PE
CLX500APC

Clone: MOPC-21

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.

Negative Species: Rat, Human

Application: ELISA, IP, WB, FC (QC tested), IHC(F), IHC(P), ICC.

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.

Conjugate Preparation:

The purified antibody is conjugated with Biotin-LC-NHS, Fluorescein isothiocyanate (FITC), R-Phycoerythrin (PE) or Allophycocyanin (APC) under optimum conditions. The conjugates are purified by size-exclusion chromatography.

Presentation:

Purified: 0.1 mg (1 mg/mL) purified IgG buffered in PBS with 15 mM sodium azide, approx. pH 7.4. (Purified by protein-G affinity chromatography).

Biotin: 0.1 mg (1 mg/mL) of Biotin conjugated IgG buffered in PBS with 15 mM sodium azide, approx. pH 7.4.

FITC: 0.1 mg (1 mg/mL) of FITC conjugated IgG buffered in PBS with 15 mM sodium azide, approx. pH 7.4.

PE: 0.1 mg (0.1 mg/mL) of PE conjugated IgG buffered in stabilizing PBS with 15 mM sodium azide, approx. pH 7.4.

APC: 0.1 mg (0.1 mg/mL) of APC conjugated IgG buffered in stabilizing PBS with 15 mM sodium azide, approx. pH 7.4.

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Storage / Stability:

Store in the dark at 2-8°C. Do not freeze all formats. Avoid prolonged exposure to light of conjugates. Do not use after expiration date stamped on vial label.

References:

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