

## Product Datasheet

### Mouse IgG1 Isotype Control PE-Cy5 GRP12149

|                            |   |
|----------------------------|---|
| <b>Description</b>         | 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.  |
| <b>Tested Applications</b> | FC  |
| <b>Concentration</b>       | 0.1 mg/ml   |
| <b>Storage</b>             | 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.   |
| <b>Note</b>                | For research use only.  |
| <b>Isotype</b>             | Mouse IgG1 kappa  |
| <b>Clone ID</b>            | MOPC-21   |
| <b>Application Notes</b>   | 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. |