

## ARG42241 Mouse IgG1 Isotype Control antibody [MOPC-21] (low endotoxin)

Package: 100 µg  
Store at: -20°C

### Summary

|                             |  |
|-----------------------------|--|
| Product Description         | Azide free and low endotoxin Mouse Monoclonal antibody [MOPC-21] as a negative control antibody for Mouse IgG1   |
| Species Does Not React With | Hu, Rat  |
| Tested Application          | Control, FACS, IHC-Fr, IHC-P, IP, WB   |
| 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. |
| Host                        | Mouse  |
| Clonality                   | Monoclonal   |
| Clone                       | MOPC-21  |
| Isotype                     | IgG1, kappa  |
| Target Name                 | Mouse IgG1   |
| Conjugation                 | Un-conjugated  |

### Application Instructions

| Application table | Application  | Dilution        |
|-------------------|--|-----------------|
|                   | Control  | Assay-dependent |
|                   | FACS   | Assay-dependent |
|                   | IHC-Fr   | Assay-dependent |
|                   | IHC-P  | Assay-dependent |
|                   | IP   | Assay-dependent |
|                   | WB   | Assay-dependent |
|                   |  |                 |
| Application Note  | <p>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.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p> |                 |

### Properties

|      |        |
|------|--------|
| Form | Liquid |
|------|--------|

|                     |  |
|---------------------|--|
| Purification        | Purification with Protein G.   |
| Purification Note   | 0.2 µm filter sterilized. Endotoxin level is less than 0.01 EU/µg of the protein.  |
| Buffer              | PBS  |
| Concentration       | 1 mg/ml  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.   |