

## ARG42262

## Mouse IgG2a Isotype Control antibody [MOPC-173] (low endotoxin)

Package: 100 µg

Store at: -20°C

### Summary

|                             |   |
|-----------------------------|---|
| Product Description         | Azide free and low endotoxin Mouse Monoclonal antibody [MOPC-173] as a negative control antibody for Mouse IgG2a  |
| Species Does Not React With | Hu, Ms, Rat   |
| Tested Application          | Control, FACS, ICC/IF, IHC-P, IP, WB  |
| Specificity                 | This mouse IgG2a monoclonal antibody (clone MOPC-173) reacts with an unknown epitope. It does not react with a variety of resting, activated, live, and fixed mouse, rat and human tissues. |
| Host                        | Mouse   |
| Clonality                   | Monoclonal  |
| Clone                       | MOPC-173  |
| Isotype                     | IgG2a, kappa  |
| Target Name                 | Mouse IgG2a   |
| Immunogen                   | Induced by intraperitoneal injection of mineral oils into BALB/c mice.  |
| Conjugation                 | Un-conjugated   |

### Application Instructions

| Application table | Application | Dilution        |
|-------------------|-------------|-----------------|
|                   | Control     | Assay-dependent |
|                   | FACS        | Assay-dependent |
|                   | ICC/IF      | 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> |
|------------------|--|

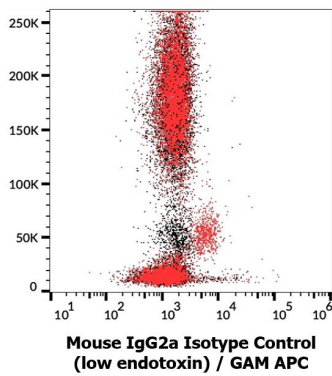
### Properties

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

|                     |  |
|---------------------|--|
| Purification        | Purification with Protein A.   |
| Purification Note   | 0.2 $\mu$ m filter sterilized. Endotoxin level is less than 0.01 EU/ $\mu$ g 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.   |

Images

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ARG42262 Mouse IgG2a Isotype Control antibody [MOPC-173] (low endotoxin) FACS image

Flow Cytometry: ARG42262 Mouse IgG2a Isotype Control antibody [MOPC-173] (low endotoxin), followed by APC-conjugated Goat anti-Mouse antibody (red) on Human peripheral blood compared with blank (black).