

# Mouse IgG2a kappa Isotype Control (eBM2a), FITC, eBioscience™

| Product Details    |                                     |
|--------------------|-------------------------------------|
| Size               | 50 µg                               |
| Host/Isotype       | Mouse / IgG2a, kappa                |
| Class              | Control                             |
| Type               | Isotype Control                     |
| Clone              | eBM2a                               |
| Conjugate          | FITC                                |
| Form               | Liquid                              |
| Concentration      | 0.5 mg/mL                           |
| Purification       | Affinity chromatography             |
| Storage buffer     | PBS, pH 7.2                         |
| Contains           | 0.09% sodium azide                  |
| Storage conditions | 4° C, store in dark, DO NOT FREEZE! |
| RRID               | AB_470027                           |

| Applications                 | Tested Dilution | Publications |
|------------------------------|-----------------|--------------|
| Immunohistochemistry (IHC)   | Assay-Dependent | -            |
| Immunocytochemistry (ICC/IF) | Assay-Dependent | -            |
| Flow Cytometry (Flow)        | Assay-Dependent | -            |
| Control (Ctrl)               | Assay-Dependent | -            |

## Product Specific Information

**Description:** This is a monoclonal mouse IgG2a, kappa antibody. It is used as an isotype control for mouse IgG2a antibodies.

**Applications Reported:** This mouse IgG2a isotype control has been reported for use in cell surface and intracellular flow cytometric analysis, immunocytochemistry, and immunohistochemistry.

**Applications Tested:** The FITC conjugated mouse IgG2a isotype control has been tested by flow cytometric analysis of normal human peripheral blood cells and should be used at the same concentration as the experimental antibody.

**Excitation:** 488 nm; **Emission:** 520 nm; **Laser:** Blue Laser.

**Filtration:** 0.2 µm post-manufacturing filtered.

## 13 References

Regenerative Effects of Locally or Intra-Arterially Administered BMSCs on the Thin Endometrium. *Front Bioeng Biotechnol* (2022)

The Toll-Like Receptor 2 Ligand Pam2CSK4 Activates Platelet Nuclear Factor-B and Bruton's Tyrosine Kinase Signaling to Promote Platelet-Endothelial Cell Interactions. *Front Immunol* (2021)

Elevated Expression of Glycerol-3-Phosphate Phosphatase as a Biomarker of Poor Prognosis and Aggressive Prostate Cancer. *Cancers (Basel)* (2021)

CXCL14 suppresses human papillomavirus-associated head and neck cancer through antigen-specific CD8+ T-cell responses by upregulating MHC-I expression. *Oncogene* (2019)

The elevated glutaminolysis of bladder cancer and T cells in a simulated tumor microenvironment contributes to the up-regulation of PD-L1 expression by interferon-. *Onco Targets Ther* (2018)

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