

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

Product Details	
Size	100 Tests
Host/Isotype	Mouse / IgG2a, kappa
Class	Control
Type	Isotype Control
Clone	eBM2a
Conjugate	FITC
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin, 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_1963642

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-
Flow Cytometry (Flow)	5 µL (1 µg)/test	-
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.

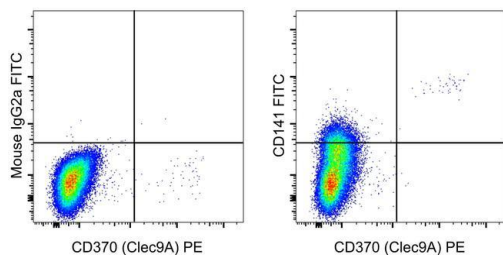
Applications Reported: This mouse IgG2a isotype control has been reported for use in cell surface and intracellular flow cytometric analysis, immunocytochemistry, and immunohistochemistry.

Applications Tested: The FITC conjugated mouse IgG2a isotype control is offered in 2 formats: - µg size: 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. - test size: has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at test size: 5 µL 1 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test.

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

Filtration: 0.2 µm post-manufacturing filtered.

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



### Mouse IgG2a kappa Isotype Control (11-4724-42) in Flow

Staining of normal human peripheral blood cells with Anti-Human CD11c APC (Product # 17-0116-42), Anti-Human CD370 (Clec9A) PE (Product # 12-3709-42), and Mouse IgG2a K Isotype Control FITC (Product # 11-4724-42) (left) or Anti-Human CD141 FITC (right). CD11c-positive cells were used for analysis.

## 31 References

Transplantation of human amniotic epithelial cells promotes morphological and functional regeneration in a rat uterine scar model. *Stem Cell Res Ther* (2021)

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

Immune checkpoint protein VSIG4 as a biomarker of aging in murine adipose tissue. *Aging Cell* (2020)

Glutamine Deprivation Induces PD-L1 Expression via Activation of EGFR/ERK/c-Jun Signaling in Renal Cancer. *Mol Cancer Res* (2020)

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

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