

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

Product Details	
Size	50 µg
Published Species	Mouse, Human
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, with 0.1% gelatin
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	4 Publications
Control (Ctrl)	Assay-Dependent	2 Publications

## 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.

## 6 References

### Flow Cytometry (4)

PloS one

#### Splenic Leukocytes Traffic to the Thyroid and Produce a Novel TSH Isoform during Acute *Listeria monocytogenes* Infection in Mice.

"11-4724 was used in Flow cytometry/Cell sorting to show that within three days of systemic infection of mice with *Listeria monocytogenes*, splenic leukocytes synthesized elevated levels of TSHv."

Authors: Montufar-Solis D, Klein JR

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2016

Oncotarget

#### Anti-angiogenic efficacy of 5'-triphosphate siRNA combining VEGF silencing and RIG-I activation in NSCLCs.

"11-4724 was used in Flow cytometry/Cell sorting to demonstrate a novel siRNA molecule could successfully knock down VEGF and assess its antitumor potential."

Authors: Yuan D, Xia M, Meng G, Xu C, Song Y, Wei J

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2015

[View more Flow references on thermofisher.com](#)

### Control (2)

Journal of immunology (Baltimore, Md. : 1950)

#### Dendritic cell-specific ablation of the protein tyrosine phosphatase Shp1 promotes Th1 cell differentiation and induces autoimmunity.

"11-4724 was used as a Control in experiments to investigate the molecules that regulate dendritic cells to protect against autoimmunity, showing that loss of Shp1 promotes Th1 cell differentiation and induces autoimmunity."

Authors: Kaneko T, Saito Y, Kotani T, Okazawa H, Iwamura H, Sato-Hashimoto M, Kanazawa Y, Takahashi S, Hiromura K, Kusakari S, Kaneko Y, Murata Y, Ohnishi H, Nojima Y, Takagishi K, Matozaki T

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2012

BMC musculoskeletal disorders

#### TRAIL death receptor-4, decoy receptor-1 and decoy receptor-2 expression on CD8+ T cells correlate with the disease severity in patients with rheumatoid arthritis.

"11-4724 was used as a Control in experiments to detect CD8+ T Cell expression of TRAIL Death Receptor-4, Decoy Receptor-1 and Decoy Receptor-2 from patients with Rheumatoid Arthritis, implicated in their disease severity."

Authors: Bisgin A, Terzioglu E, Aydin C, Yoldas B, Yazisiz V, Balci N, Bagci H, Gorczynski RM, Akdis CA, Sanlioglu S

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2010

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