

Mouse IgG2a kappa Isotype Control (eBM2a), APC, eBioscience™

Product Details	
Size	50 µg
Published Species	Rat, Human
Host/Isotope	Mouse / IgG2a, kappa
Class	Control
Type	Isotype Control
Clone	eBM2a
Conjugate	APC
Form	Liquid
Concentration	0.2 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_470188

Applications	Tested	Dilution	Published
Flow Cytometry (Flow)	✓	1 µg/Test	2 Publications
Control (Ctrl)	✓	Assay-Dependent	1 Publication

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 flow cytometric analysis.

Applications Tested: The APC conjugated mouse IgG2a isotype control has been tested by flow cytometric analysis of normal human peripheral blood cells and can be used at less than or equal to 1 µg/million cells (100 µL blood). It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 633-647 nm; **Emission:** 660 nm; **Laser:** Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Flow Cytometry (2)

PloS one

Estradiol alters the immune-responsiveness of cervical epithelial cells stimulated with ligands of Toll-like receptors 2 and 4.

"17-4724 was used in Flow cytometry/Cell sorting to demonstrate that Estradiol alters the immune-responsiveness of HECECs to TLR2 and TLR4 ligands by TLR subtype and duration of exposure."

Authors: S Lashkari B, Anumba DO

Species
Human

Dilution
Not Cited

Year
2017

Molecular vision

A comprehensive flow-cytometric analysis of graft infiltrating lymphocytes, draining lymph nodes and serum during the rejection phase in a fully allogeneic rat cornea transplant model.

"17-4724 was used in Flow cytometry/Cell sorting to define the immunologic reaction toward corneal allografts."

Authors: Maenz M, Morcos M, Ritter T

Species
Rat

Dilution
Not Cited

Year
2011

Control (1)

The Journal of infectious diseases

B and T lymphocyte attenuator down-regulation by HIV-1 depends on type I interferon and contributes to T-cell hyperactivation.

"17-4724 was used as a Control in experiments to characterise B and T lymphocyte attenuator expression and function during HIV-1 infection."

Authors: Zhang Z, Xu X, Lu J, Zhang S, Gu L, Fu J, Jin L, Li H, Zhao M, Zhang J, Wu H, Su L, Fu YX, Wang FS

Species
Human

Dilution
Not Cited

Year
2011

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