

Mouse IgG2a kappa Isotype Control (eBM2a), PerCP-eFluor™ 710, eBioscience™

Product Details	
Size	100 µg
Host/Isotype	Mouse / IgG2a, kappa
Class	Control
Type	Isotype Control
Clone	eBM2a
Conjugate	PerCP-eFluor™ 710
Form	Liquid
Concentration	0.2 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_1834451

Applications	Tested Dilution	Publications
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: PerCP-eFluor® 710 Mouse IgG2a, K Isotype Control has been reported for use in flow cytometric analysis.

Applications Tested: PerCP-eFluor® 710 Mouse IgG2a Isotype Control has been tested by flow cytometric analysis of normal human peripheral blood cells and mouse spleen cells. Use at the same concentration as experimental antibody.

PerCP-eFluor® 710 can be used in place of PE-Cy5, PE-Cy5.5 or PerCP-Cy5.5. PerCP-eFluor® 710 emits at 710 nm and is excited with the blue laser (488 nm). Please make sure that your instrument is capable of detecting this fluorochrome. For a filter configuration, we recommend using the 685 LP dichroic mirror and 710/40 band pass filter, however the 695/40 band pass filter is an acceptable alternative.

Our testing indicates that PerCP-eFluor® 710 conjugated antibodies are stable when stained samples are exposed to freshly prepared 2% formaldehyde overnight at 4°C, but please evaluate for alternative fixation protocols.

Excitation: 488 nm; Emission: 710 nm; Laser: Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

2 References

Effects of prenatal low protein and postnatal high fat diets on visceral adipose tissue macrophage phenotypes and IL-6 expression in Sprague Dawley rat offspring. PLoS One (2017)

Innate Response Activator (IRA) B Cells Reside in Human Tonsils and Internalize Bacteria In Vitro. PLoS One (2015)

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