

# Rat IgG2a kappa Isotype Control (eBR2a), PerCP-Cyanine5.5, eBioscience™

## Product Details

Size	25 µg
Host/Isotype	Rat / IgG2a, kappa
Class	Monoclonal
Type	Isotype Control
Clone	eBR2a
Conjugate	PerCP-Cyanine5.5
Excitation/Emission Max	489/679 nm
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_906259

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-Dependent	0 Publication
Functional Assay (Functional)	-	0 Publication
Control (Ctrl)	Assay-Dependent	-

## Product Specific Information

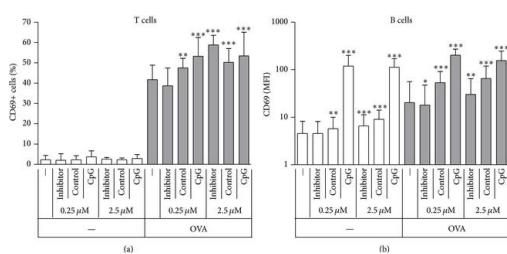
Description: The monoclonal rat IgG2a kappa is useful as an isotype control immunoglobulin.

Applications Reported: PerCP-Cy5.5 Rat IgG2a Iso Cntrl has been reported for use in flow cytometric analysis.

Applications Tested: Rat IgG2a Isotype Control has been tested by flow cytometric analysis of mouse splenocyte suspensions. It should be used at the same concentration as the experimental antibody.

Excitation: 488 nm; Emission: 695 nm; Laser: Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.



### Rat IgG2a kappa Isotype Control (45-4321-80) in Flow

Non-CpG ODN enhances CD69 expression in T and B cells engaging in cognate interaction. DO11.10 splenocytes were incubated with different combinations of ODNs and OVA; after 24 hours CD69 expression was measured on T and B cell populations by flow cytometry ((a)-(b)). Medians and interquartile ranges of 13 independent experiments are shown. Asterisks indicate significant difference from the group receiving no ODN at all, within the respective OVA treatment group. MFI: mean fluorescence intensity; P < 0.05; P < 0.01; P < 0.001. Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/26380319/>), licensed under a CC BY license.

## 16 References

Small Extracellular Vesicles Derived from Altered Peptide Ligand-Loaded Dendritic Cell Act as A Therapeutic Vaccine for Spinal Cord Injury Through Eliciting CD4+ T cell-Mediated Neuroprotective Immunity. *Adv Sci (Weinh)* (2024)

Virion glycosylation influences mycobacteriophage immune recognition. *Cell Host Microbe* (2023)

Optimal target saturation of ligand-blocking anti-GITR antibody IBI37G5 dictates FcR-independent GITR agonism and antitumor activity. *Cell Rep Med* (2022)

BEX1 is a critical determinant of viral myocarditis. *PLoS Pathog* (2022)

Cardiac-derived TGF-1 confers resistance to diet-induced obesity through the regulation of adipocyte size and function. *Mol Metab* (2021)

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