

Rat IgG2a kappa Isotype Control (eBR2a), Functional Grade, eBioscience™

Product Details	
Size	100 µg
Host/Isotype	Rat / IgG2a, kappa
Class	Control
Type	Isotype Control
Clone	eBR2a
Conjugate	Functional Grade
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	no preservative
Storage conditions	4° C
RRID	AB_470156

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

Product Specific Information

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

Applications Reported: This rat IgG2a isotype control has been reported for use in flow cytometric analysis and ELISA.

Applications Tested: This rat IgG2a isotype control has been used by flow cytometric analysis of mouse splenocyte suspension and can be used at the same concentration as the experimental antibody.

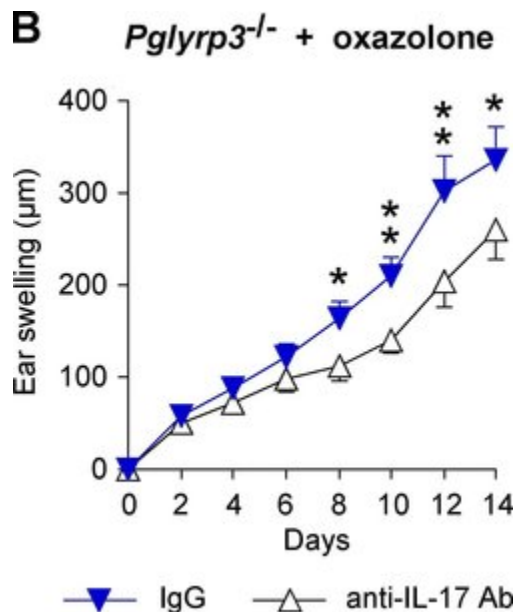
Storage and handling: Use in a sterile environment.

Filtration: 0.2 µm post-manufacturing filtered.

Purity: Greater than 90%, as determined by SDS-PAGE.

Endotoxin Level: Less than 0.001 ng/µg antibody, as determined by LAL assay.

Aggregation: Less than 10%, as determined by HPLC.



Rat IgG2a kappa Isotype Control (16-4321-82) in Neu

IL-17 is required for enhanced response to oxazolone in *Pglyrp3^{-/-}* mice. (A) The level of IL-17-induced chemokine, CXCL-1, is higher in the ears of *Pglyrp3^{-/-}* mice than WT mice after sensitization and application of oxazolone for 20 days. (B) Ear swelling in *Pglyrp3^{-/-}* mice sensitized and treated 7 times with oxazolone every other day and also treated with neutralizing anti-IL-17 mAbs is lower than in *Pglyrp3^{-/-}* mice similarly treated with oxazolone and isotype control IgG. Means ± SEM; N = 6 mice/group; significance of differences between *Pglyrp3^{-/-}* and WT mice (A) or IgG control and anti-IL-17 mAbs-treated mice (B): *, P<0.05; **, P<0.005. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0024961>), licensed under a CC BY license.

30 References

PDGF Receptor Alpha Signaling Is Key for Müller Cell Homeostasis Functions. *Int J Mol Sci* (2021)

Therapeutic Targeting of Retinal Immune Microenvironment With CSF-1 Receptor Antibody Promotes Visual Function Recovery After Ischemic Optic Neuropathy. *Front Immunol* (2020)

UCP3 reciprocally controls CD4+ Th17 and Treg cell differentiation. *PLoS One* (2020)

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