

Rat IgG2a kappa Isotype Control (eBR2a), Biotin, eBioscience™

Product Details

Size	100 µg
Host/Isotype	Rat / IgG2a, kappa
Class	Monoclonal
Type	Isotype Control
Clone	eBR2a
Conjugate	Biotin
Form	Liquid
Concentration	0.5 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_470084

Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-
Flow Cytometry (Flow)	Assay-Dependent	0 Publication
Functional Assay (FN)	-	0 Publication
Control (Ctrl)	Assay-Dependent	-

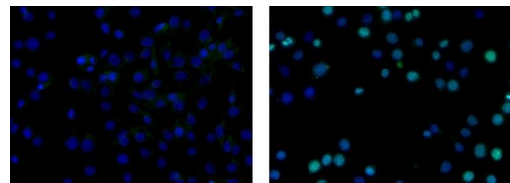
Product Specific Information

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 immunocytochemistry, immunohistochemistry, flow cytometric analysis, and ELISA.

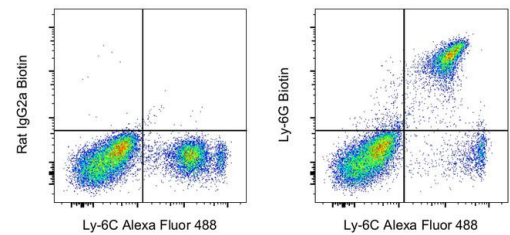
Applications Tested: This rat IgG2a isotype control has been used by flow cytometric analysis of mouse splenocyte suspension and should be used at the same concentration as the experimental antibody.

Filtration: 0.2 µm post-manufacturing filtered.



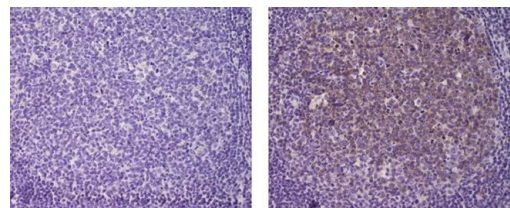
Rat IgG2a kappa Isotype Control (13-4321-82) in ICC/IF

Immunocytochemistry of fixed and permeabilized C2C12 cells stained with 5 µg/mL of Rat IgG2a K Isotype Control Biotin (left) or 5 µg/mL of Anti-Mouse/Rat Ki-67 Biotin (right) followed by Streptavidin FITC. Nuclei are stained with DAPI, colocalization of signal with DAPI appears aqua.



Rat IgG2a kappa Isotype Control (13-4321-82) in Flow

BALB/c mouse bone marrow cells were stained with Ly-6C Monoclonal Antibody, Alexa Fluor 488 (Product # 53-5932-82), and 0.125 µg of Rat IgG2a kappa Isotype Control, Biotin (Product # 13-4321-85) (left) or 0.125 µg of Ly-6G Monoclonal Antibody, Biotin (right) followed by Streptavidin, PE (Product # 12-4317-87). All cells were used for analysis.



Rat IgG2a kappa Isotype Control (13-4321-82) in IHC (P)

Immunohistochemistry of formalin-fixed paraffin embedded human tonsil tissue using low pH antigen retrieval and stained with 20 µg/mL Rat IgG2a K Isotype Control Biotin (left) or 20 µg/mL Anti-Human/Mouse Activation-Induced Cytidine Deaminase (AID) Biotin (right) followed by Avidin HRP and DAB visualization. Nuclei are counterstained with hematoxylin.

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16 References

Therapeutic potential of FLT4-targeting peptide in acute myeloid leukemia. Cancer Immunol Immunother (2023)

Therapeutic potential of FLT4-targeting peptide in acute myeloid leukemia Research Square (2022)

New insights into the phosphorylation of the threonine motif of the 1 integrin cytoplasmic domain. Life Sci Alliance (2022)

Peptides Targeting Fms-Related Tyrosine Kinase-4 Activate the Function of Natural Killer Cells in Acute Myeloid Leukemia. Int J Stem Cells (2021)

Cytotoxic T cells swarm by homotypic chemokine signalling. Elife (2020)

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