

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

| Product Details | |
|--------------------|-------------------------------------|
| Size | 100 µg |
| Host/Isotype | Rat / IgG2a, kappa |
| Class | Control |
| 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 |
|-----------------------|-----------------|--------------|
| Flow Cytometry (Flow) | Assay-Dependent | - |
| Control (Ctrl) | Assay-Dependent | - |

Product Specific Information

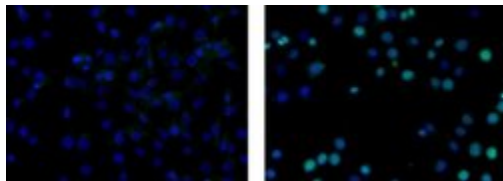
Description: The monoclonal rat IgG2a, kappa is useful as an isotype control immunoglobulin.

Applications Reported: This rat IgG2a isotype control has been reported for use in 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.

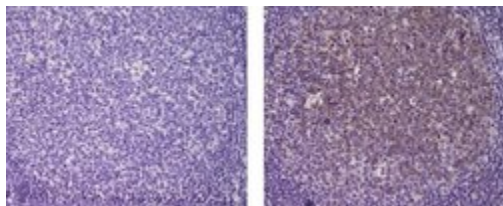
Filtration: 0.2 µm post-manufacturing filtered.

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



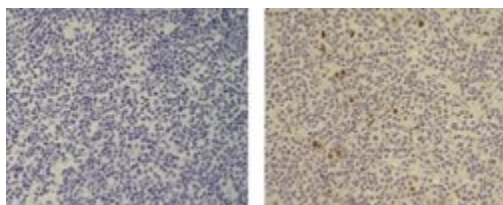
Rat IgG2a kappa Isotype Control (13-4321-82) in ICC/IF

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 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.



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

Immunohistochemistry on formalin-fixed paraffin embedded human thymus using 20 µg/mL Rat IgG2a K Isotype Control Biotin (left) or 20 µg/mL Anti-Human AIRE Biotin (right) followed by streptavidin HRP and DAB visualization. Nuclei are counterstained with hematoxylin.

[View more figures on thermofisher.com](https://www.thermofisher.com)

12 References

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)

Enhancing vaccine antibody responses by targeting Clec9A on dendritic cells. *NPJ Vaccines* (2017)

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