

Rat IgG2a kappa Isotype Control (eBR2a), eFluor 570, eBioscience™

Product Details	
Size	100 µg
Host/Isotype	Rat / IgG2a, kappa
Class	Control
Type	Isotype Control
Clone	eBR2a
Conjugate	eFluor® 570
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_11219683

Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	5-10 µg/mL	-
Immunohistochemistry (Frozen) (IHC (F))	1-5 µg/mL	-
Immunocytochemistry (ICC/IF)	1-5 µg/mL	-
Control (Ctrl)	Assay-Dependent	-

Product Specific Information

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

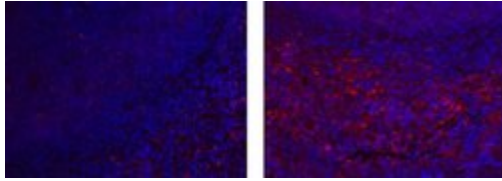
Applications Reported: This eBR2a antibody has been reported for use in immunohistochemical and immunocytochemical staining.

Applications Tested: This Rat IgG2a Isotype Control eFluor® 570 has been tested by immunocytochemistry on fixed and permeabilized C2C12 cells and by immunohistochemistry (IHC-P) on formalin-fixed paraffin embedded human tissue. Use isotype control at the same concentration as experimental antibody.

Filter Recommendation: When using this eFluor® 570 antibody conjugate, we recommend a filter that will capture the 570 emission wavelength (for example, Excitation 545/25, 565LP, Emission 605/70). A standard Alexa Fluor® 555 or TRITC filter is acceptable.

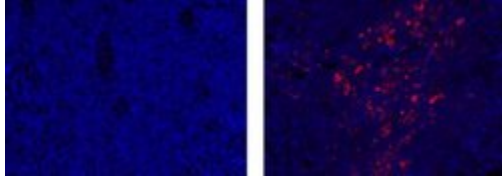
Excitation: 555 nm; Emission: 570 nm

Product Images For Rat IgG2a kappa Isotype Control (eBR2a), eFluor 570, eBioscience™



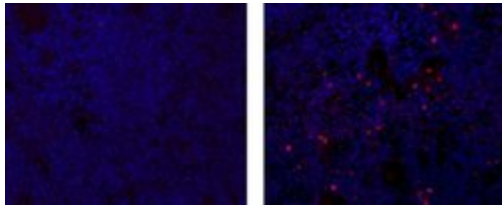
Rat IgG2a kappa Isotype Control (41-4321-82) in IHC (P)

Immunohistochemistry of formalin-fixed paraffin embedded mouse spleen using 5 µg/mL of Rat IgG2a K Isotype Control eFluor® 570 (left) or 5 µg/mL of Anti-Mouse F4/80 Antigen eFluor® 570 (right). Nuclei are stained with DAPI.



Rat IgG2a kappa Isotype Control (41-4321-82) in IHC (P)

Immunohistochemistry of formalin-fixed paraffin embedded human tonsil tissue using 5 µg/mL of Rat IgG2a K Isotype Control eFluor® 570 (left) or 5 µg/mL of Anti-Human TRAF-1 eFluor® 570 (right). Nuclei are stained with DAPI.



Rat IgG2a kappa Isotype Control (41-4321-82) in IHC (P)

Immunohistochemistry of formalin-fixed paraffin embedded human thymus using 10 µg/mL Rat IgG2a K Isotype Control eFluor® 570 (left) or 10µg/mL Anti-Human AIRE eFluor® 570 (right). Nuclei are stained with DAPI.

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2 References

Mutations in topoisomerase II result in a B cell immunodeficiency. *Nat Commun* (2019)

Nanoscale Topography and Poroelastic Properties of Model Tissue Breast Gland Basement Membranes. *Biophys J* (2018)

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