

# Rat IgG1 kappa Isotype Control (eBRG1), Alexa Fluor™ 488, eBioscience™

Product Details	
Size	25 µg
Host/Isotype	Rat / IgG1, kappa
Class	Monoclonal
Type	Isotype Control
Clone	eBRG1
Conjugate	Alexa Fluor™ 488
Excitation/Emission Max	499/520 nm
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_493962

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-
Flow Cytometry (Flow)	Assay-Dependent	-
Control (Ctrl)	Assay-Dependent	-

## Product Specific Information

Description: The monoclonal rat IgG1, kappa is useful as an isotype control immunoglobulin.

Applications Reported: Alexa Fluor® 488 Rat IgG1 K Isotype Control has been reported for use in immunohistochemistry, immunocytochemistry, and flow cytometric analysis.

Applications Tested: This rat IgG1 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.

Excitation: 488 nm; Emission: 519 nm; Laser: Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

## 4 References

CTLA-4 antibody-drug conjugate reveals autologous destruction of B-lymphocytes associated with regulatory T cell impairment bioRxiv (2023)

Complement Signals Determine Opposite Effects of B Cells in Chemotherapy-Induced Immunity. Cell (2020)

Tumor-intrinsic response to IFN shapes the tumor microenvironment and anti-PD-1 response in NSCLC. Life Sci Alliance (2019)

Genetic inactivation of the phospholipase A2 activity of peroxiredoxin 6 in mice protects against LPS-induced acute lung injury. Am J Physiol Lung Cell Mol Physiol (2019)

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