

Rat IgG2b kappa Isotype Control (eB149/10H5), APC-eFluor™ 780, eBioscience™

Product Details

Size	100 µg
Host/Isotype	Rat / IgG2b, kappa
Class	Monoclonal
Type	Isotype Control
Clone	eB149/10H5
Conjugate	APC-eFluor™ 780
Excitation/Emission Max	756/785 nm
Form	Liquid
Concentration	0.2 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_1272014

Applications	Tested Dilution	Publications
Immunohistochemistry (Paraffin) (IHC (P))	-	0 Publication
Flow Cytometry (Flow)	Assay-Dependent	0 Publication
Control (Ctrl)	Assay-Dependent	-

Product Specific Information

Description: The rat IgG2b, kappa monoclonal antibody is useful as an isotype control immunoglobulin.

Applications Reported: APC-eFluor® 780 Rat IgG2b Isotype Control (APC-Alexa Fluor® 750 replacement) has been reported for use in flow cytometric analysis.

Applications Tested: Rat IgG2b K Isotype Control APC-eFluor® 780 has been tested by flow cytometric analysis of mouse splenocytes. Use isotype control at the same concentration as experimental antibody.

APC-eFluor 780 emits at 780 nm and is excited with the Red laser (633 nm). Please make sure that your instrument is capable of detecting this fluorochrome.

Light sensitivity: This tandem is sensitive to photo-induced oxidation. Please protect this vial and stained samples from light.

Fixation: Samples can be stored in IC Fixation Buffer (Product # 00-8222) (100 µL cell sample + 100 µL IC Fixation Buffer) or 1-step Fix/Lyse Solution (Product # 00-5333) for up to 3 days in the dark at 4°C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.

Excitation: 633-647 nm; **Emission:** 780 nm; **Laser:** Red Laser.

Filtration: 0.2 µm post-manufacturing filtered.

9 References

Hematopoietic stem and progenitor cell membrane-coated vesicles for bone marrow-targeted leukaemia drug delivery. *Nat Commun* (2024)

The Influence of Maternal High Fat Diet During Lactation on Offspring Hematopoietic Priming. *Endocrinology* (2023)

Pexidartinib synergize PD-1 antibody through inhibiting treg infiltration by reducing TAM-derived CCL22 in lung adenocarcinoma. *Front Pharmacol* (2023)

Insulin-regulated aminopeptidase contributes to setting the intensity of FcR-mediated inflammation. *Front Immunol* (2022)

Myeloid cell-derived catecholamines influence bone turnover and regeneration in mice. *Front Endocrinol (Lausanne)* (2022)

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