

Armenian Hamster IgG Isotype Control (eBio299Arm), PE-Cyanine7, eBioscience™

Product Details	
Size	100 µg
Host/Isotype	Armenian hamster / IgG
Class	Monoclonal
Type	Isotype Control
Clone	eBio299Arm
Conjugate	PE-Cyanine7
Excitation/Emission Max	569/780 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_470204

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-Dependent	0 Publication
Control (Ctrl)	Assay-Dependent	-

Product Specific Information

Description: The eBio299Arm monoclonal antibody is useful as an isotype control immunoglobulin.

Applications Reported: This eBio299Arm antibody has been reported for use in flow cytometric analysis.

Applications Tested: This eBio299Arm antibody has been tested by flow cytometric analysis. Isotype control should be used at the same concentration as experimental antibody.

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

Fixation: Samples can be stored in IC Fixation Buffer (cat. 00-8222) (100 µL cell sample + 100 µL IC Fixation Buffer) or 1-step Fix/Lyse Solution (cat. 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: 488-561 nm; **Emission:** 775 nm; **Laser:** Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.

10 References

3D printed PLGA/MgO/PDA composite scaffold by low-temperature deposition manufacturing for bone tissue engineering applications. Regen Ther (2023)

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

Tumor-initiating stem cell shapes its microenvironment into an immunosuppressive barrier and pro-tumorigenic niche. Cell Rep (2021)

Chronic stress physically spares but functionally impairs innate-like invariant T cells. Cell Rep (2021)

Role of necroptosis in chronic hepatic inflammation and liver disease in Cu/Zn superoxide dismutase deficient mice bioRxiv (2020)

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