

# Armenian Hamster IgG Isotype Control (eBio299Arm), Super Bright 702, eBioscience™

Product Details	
Size	100 µg
Host/Isotype	Armenian hamster / IgG
Class	Control
Type	Isotype Control
Clone	eBio299Arm
Conjugate	Super Bright 702
Form	Liquid
Concentration	0.2 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2723914

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	Assay-Dependent	-
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 of mouse splenocytes. Use the isotype control at the same concentration as the experimental antibody.

Super Bright 702 is a tandem dye that can be excited with the violet laser line (405 nm) and emits at 702 nm. We recommend using a 710/50 bandpass filter. Please make sure that your instrument is capable of detecting this fluorochrome.

When using two or more Super Bright dye-conjugated antibodies in a staining panel, it is recommended to use Super Bright Complete Staining Buffer (Product # SB-4401) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer for more information.

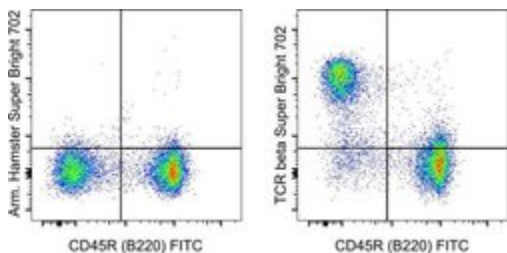
**Light sensitivity:** This tandem dye is sensitive to photo-induced oxidation. Please protect this vial and stained samples from light.

**Fixation:** Samples can be stored in IC Fixation Buffer (Product # 00-8222) (100 µL of cell sample + 100 µL of 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: 405 nm; Emission: 702 nm; Laser: Violet Laser

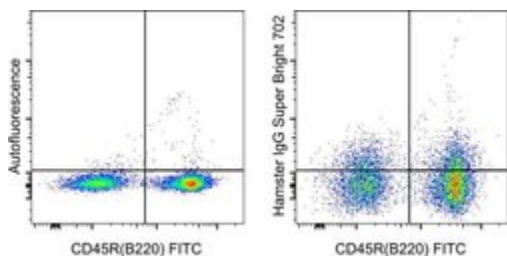
Super Bright Polymer Dyes are sold under license from Becton, Dickinson and Company.

## Product Images For Armenian Hamster IgG Isotype Control (eBio299Arm), Super Bright 702, eBioscience™



### Armenian Hamster IgG Isotype Control (67-4888-82) in Flow

C57BL/6 mouse splenocytes were stained with CD45R (B220) Monoclonal Antibody, FITC (Product # 11-0452-82) and 0.25 µg of Armenian Hamster IgG Isotype Control, Super Bright 702 (Product # 67-4888-82) (left) or 0.25 µg of TCR beta Monoclonal Antibody, Super Bright 702 (right). Total viable cells were used for analysis.



### Armenian Hamster IgG Isotype Control (67-4888-82)

Normal human peripheral blood cells were stained with CD45R (B220) Monoclonal Antibody, FITC (Product # 11-0452-82) and 0.5 µg of Armenian Hamster IgG Isotype Control, Super Bright 702 (right). Cells in the lymphocyte gate were used for analysis.

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