

Armenian Hamster IgG Isotype Control (eBio299Arm), eBioscience™

Product Details	
Size	50 µg
Host/Isotype	Armenian hamster / IgG
Class	Control
Type	Isotype Control
Clone	eBio299Arm
Conjugate	Unconjugated
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
RRID	AB_470128

Applications	Tested Dilution	Publications
Immunohistochemistry (IHC)	-	0 Publication
Immunohistochemistry (Paraffin) (IHC (P))	Assay-Dependent	-
Immunocytochemistry (ICC/IF)	Assay-Dependent	-
Flow Cytometry (Flow)	Assay-Dependent	0 Publication
Immunoprecipitation (IP)	-	0 Publication
Control (Ctrl)	Assay-Dependent	0 Publication
Inhibition Assays (IA)	-	0 Publication

Product Specific Information

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

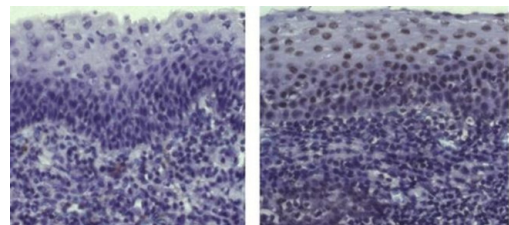
Applications Reported: This eBio299Arm antibody has been reported for use in flow cytometric analysis, immunohistochemical staining, and immunocytochemistry.

Applications Tested: This eBio299Arm antibody has been tested by flow cytometric analysis of mouse splenocytes and normal human peripheral blood. Use isotype control at the same concentration as experimental antibody.

Purity: Greater than 90%, as determined by SDS-PAGE.

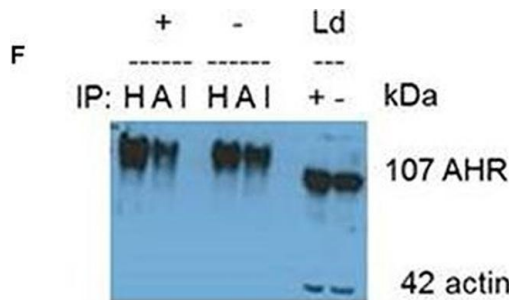
Aggregation: Less than 10%, as determined by HPLC.

Filtration: 0.2 µm post-manufacturing filtered.



Armenian Hamster IgG Isotype Control (14-4888-81) in IHC (P)

Immunohistochemistry of formalin-fixed paraffin embedded human tonsil, using 10 µg/mL of Armenian Hamster IgG Isotype Control (Product # 14-4888-81) (left) or Anti-Pokemon Purified (right) followed by Anti-Hamster Biotin (Product # 13-4113-85), and DAB visualization. Nuclei are counterstained with hematoxylin.



Armenian Hamster IgG Isotype Control (14-4888-81) in IP

AHR is an IFN Effector Gene and Interacts with HELZ2. RNAi-mediated knockdown of AHR with four unique siRNAs leads to weak but consistent rescue of DENV from IFN in HeLa cells (A) and Huh7.5.1 hepatocytes (B). (C) Knockdown of AHR by the four unique siRNAs from (A) was validated at the protein level using western blot (C) with quantification (D) and at the mRNA level using qRT PCR (E). (F) Co-immunoprecipitation of AHR with HELZ2 (H) and AHR (A) antibodies and isotype control (I) was performed in Huh7.5.1 cells treated with IFN 1,600 IU/ml × 24 h or mock, followed by immunoblot for AHR. Load controls (Ld) were run in parallel, and immunoblotted for AHR and actin (G). Co-immunoprecipitation was repeated in the setting of mock (M), IFN 1,600 IU/ml (I), or the AHR agonist FICZ 0.9 µm (F) × 24 h, using HELZ2 and AHR antibodies for IP, followed by HELZ2 and AHR immunoblot. Load controls were stained for HELZ2, AHR, and actin. Ladder is indicated by L. *p < 0.05 compared to control. Image collected and cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/28265266>), licensed under a CC BY license.

41 References

Liver sinusoidal endothelial cells show reduced scavenger function and downregulation of Fc gamma receptor IIb, yet maintain a preserved fenestration in the GImpgt/gt mouse model of slowly progressing liver fibrosis. PLoS One (2023)

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VAX014, an Oncolytic Therapy, Reduces Adenomas and Modifies Colon Microenvironment in Mouse Model of CRC. Int J Mol Sci (2023)

Neonatal imprinting of alveolar macrophages via neutrophil-derived 12-HETE. Nature (2023)

An immunocompetent rectal cancer model to study radiation therapy. Cell Rep Methods (2022)

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