

Anti-Arl13b Recombinant Chicken Chimeric mAb

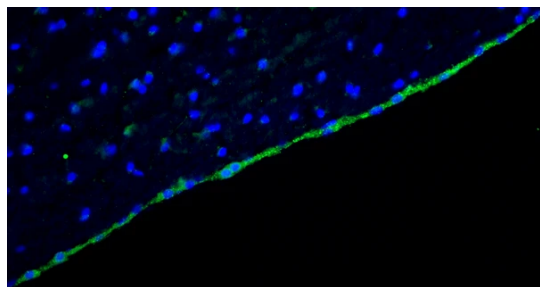


Product Details

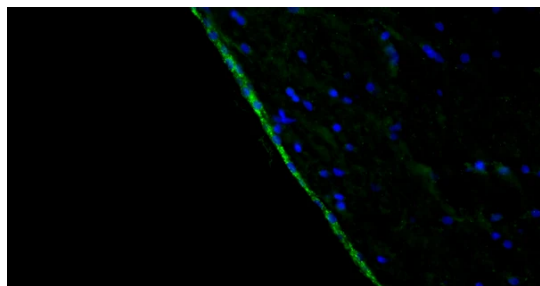
Available Variants	100 µL (SKU:78-287) 20 µL (SKU:78-287-020)
Conjugate	Unconjugated
Isotype	IgY
Clone	N295B/66
Gene Name	Arl13b Arl2l1
Host Species	Chicken
Concentration	1 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone N295B/66 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone N295B/66 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media.
Applications	ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500 ICC: 1:500
Species Reactivity	Human, Mouse, Non-Human Primate, Rat, Xenopus, Zebrafish

Immunogen	Fusion protein amino acids 208-427 (C-terminus) of mouse Arl13b (accession number Q640N2) produced recombinantly in E. Coli
Specificity	Does not cross-react with Arl13a (based on KO validation results)
Molecular Weight	50 kDa
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
UniProt ID	<u>Q640N2</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



Representative section of formalin fixed, paraffin-embedded rat brain lateral ventricle region showing cells stained by anti-Arl13b recombinant antibody (visualized in green) (Cat. 78-287) at 1:100 dilution. The stained sections were mounted with Antibodies Incorporated Fluoroshield with DAPI and DABCO mounting medium (Cat. AR-6505). DAPI nuclear stain (blue) shows cell nuclei. Anti-Arl13b specifically stains the ciliated cells surrounding the lateral ventricle. Magnification 400X.



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Product Page URL: www.antibodiesinc.com/products/anti-arl13b-recombinant-antibody-n295b-66-78-287



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