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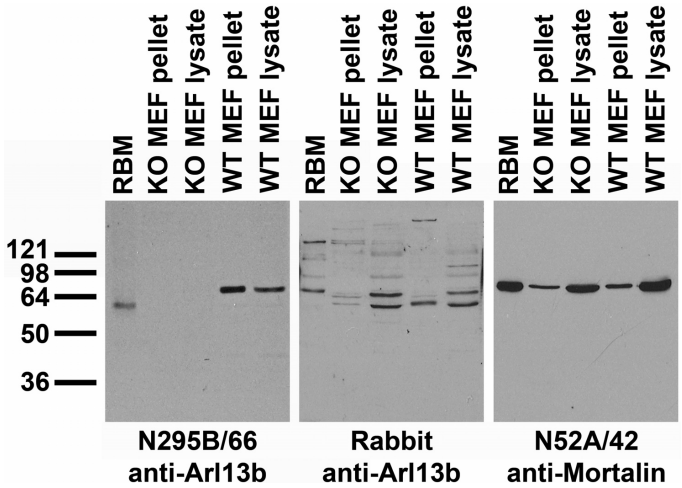
Product datasheet for 75-287

Arl13b Mouse Monoclonal Antibody [Clone ID: N295B/66]

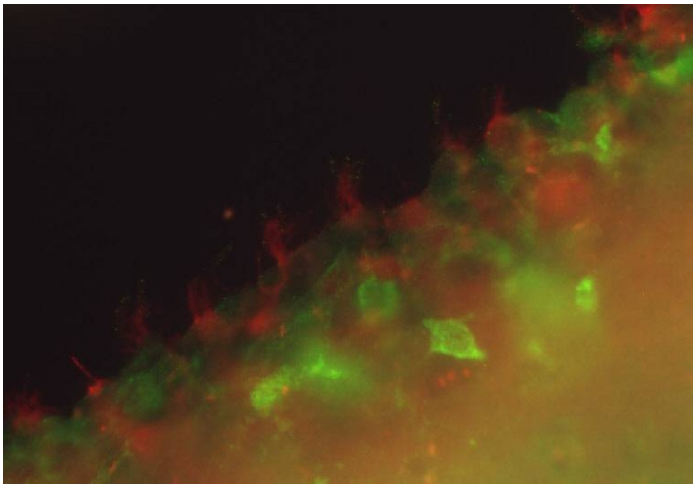
Product data:

Product Type:	Primary Antibodies
Clone Name:	N295B/66
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 208-427 (C-terminus) of mouse Arl13b (also known as ADP-ribosylation factor-like protein 13B, ADP-ribosylation factor-like protein 2-like 1, ARL2-like protein 1 and Arl2l1, accession number Q640N2). Rat: 85% identity (189/220 amino acids identical). Human: 68% identity (154/224 amino acids identical). <40% identity with Arl13a.
Formulation:	State: Purified
Gene Name:	ADP-ribosylation factor-like 13B
Database Link:	Entrez Gene 68146 Mouse
Synonyms:	ARL2-like protein 1
Note:	USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody _ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, supported by NIH grant U24NS050606 and maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University of California, Davis, CA 95616." Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e.g., RRID:AB_2120479) to avoid ambiguity. View Research License Agreement

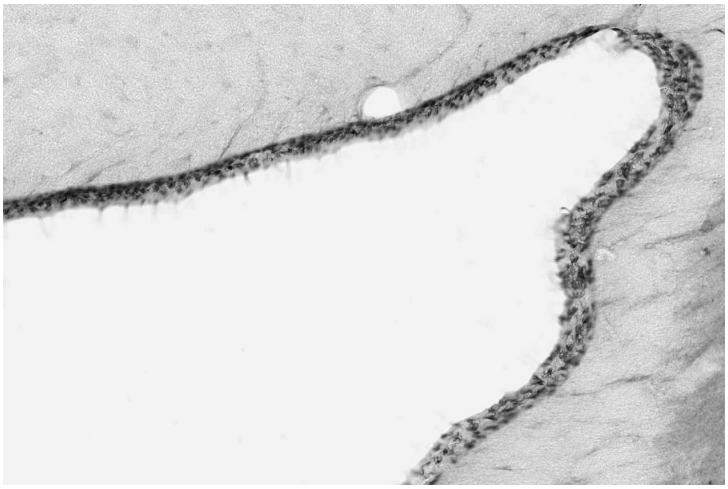
Product images:



Immunoblot versus crude membranes from adult rat brain (RBM) and pellet/lysate fractions of wild-type (WT) and Arl13b knockout (KO) mouse embryonic fibroblasts (MEF) probed with N295B/66 TC supe (left), rabbit polyclonal (middle) and N52A/42 TC supe (right). MEF cells courtesy of Laura Mariani and Tamara Caspary (Emory University SOM).



Immunofluorescence staining of adult rat brain sections with N295B/66 (red, cilia) and N147/6 (green) TC supe.



Adult rat brain immunohistochemistry of ciliated cells surrounding the lateral ventricle (LV).