

Product datasheet for 75-026

Scn8a Mouse Monoclonal Antibody [Clone ID: K87A/10]

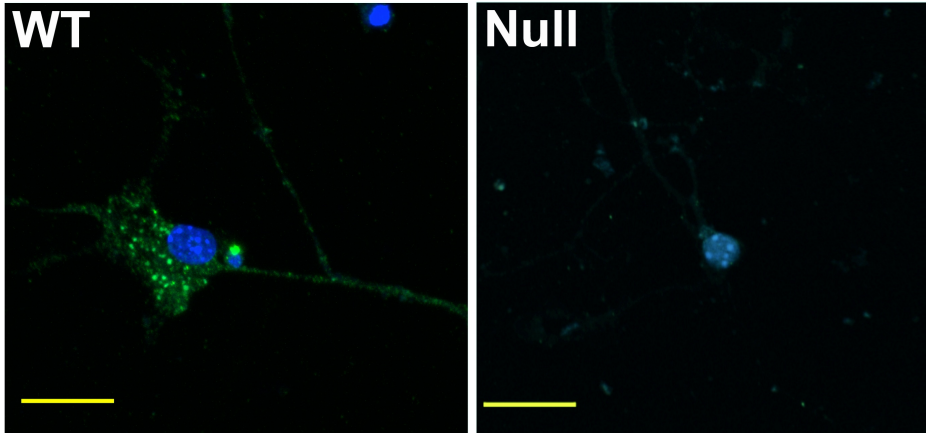
Product data:

Product Type:	Primary Antibodies
Clone Name:	K87A/10
Applications:	IF, IHC, IP
Recommend Dilution:	Immunohistochemistry (IHC). Immunoprecipitation (IP). K87A/10 does not work for immunoblotting
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide 459-476 (intracellular interdomain loop I-II) of rat Nav1.6 (accession number NP_062139) Human: 88% identity (16/18 amino acids identical). Mouse=100% identity (18/18 amino acids identical).
Formulation:	State: Purified
Gene Name:	Rattus norvegicus sodium voltage-gated channel alpha subunit 8 (Scn8a)
Database Link:	Entrez Gene 6334 Human Entrez Gene 20273 Mouse Entrez Gene 29710 Rat
Synonyms:	MED, Nav1.6
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

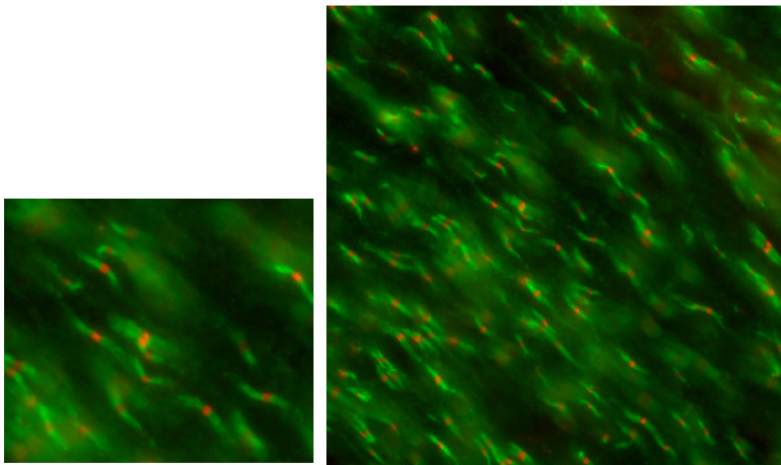


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Product images:



Cerebellar granule cells, 16 days in culture, obtained from wild-type (WT) and Nav1.6-null "Null" mice. K87A/10=green. DAPI=blue. Scale bar = 20 μ m. Images courtesy of Drs. L. M. Sharkey and M. H. Meisler, University of Michigan School of Medicine.



Adult rat optic nerve immunofluorescence staining K87A/10=red Rabbit anti-Caspr=green
Image courtesy of Dr. Matthew Rasband (Baylor College of Medicine).