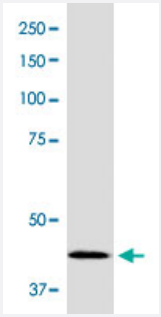
Scn3b monoclonal antibody, clone S396-29 (FITC)

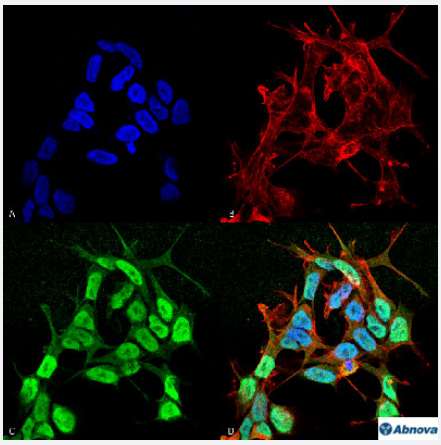
Catalog # MAB17356 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western Blot analysis of mouse brain with Scn3b monoclonal antibody, clone S396-29 (FITC) (Cat # MAB17356).



Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Scn3b monoclonal antibody, clone S396-29 (FITC) (Cat # MAB17356). (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Scn3b Antibody. (D) Composite.

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant rat Scn3b.
Immunogen	Recombinant protein corresponding to full length rat Scn3b.
Host	Mouse
Reactivity	Mouse, Rat
Form	Liquid

Conjugation	FITC
Purification	Protein G purification
Isotype	IgG2b
Recommend Usage	Immunocytochemistry (1:100) Immunofluorescence (1:100) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  Western Blot analysis of mouse brain with Scn3b monoclonal antibody, clone S396-29 (FITC) (Cat # MAB17356).

- Immunocytochemistry

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- Immunofluorescence

Gene Info — Scn3b

Entrez GeneID	245956
Protein Accession#	Q9JK00
Gene Name	Scn3b
Gene Alias	Scnb3
Gene Description	sodium channel, voltage-gated, type III, beta
Gene Ontology	Hyperlink
Gene Summary	sodium channel

Other Designations	sodium channel beta 3 subunit|voltage-gated sodium channel beta-3 subunit

Publication Reference

- Novel SCN3B mutation associated with brugada syndrome affects intracellular trafficking and function of Nav1.5.

  Ishikawa T, Takahashi N, Ohno S, Sakurada H, Nakamura K, On YK, Park JE, Makiyama T, Horie M, Arimura T, Makita N, Kimura A.

  Circulation Journal 2013 Apr; 77(4):959.

- Differential modulation of sodium channel gating and persistent sodium currents by the beta1, beta2, and beta3 subunits.

  Y Qu, R Curtis, D Lawson, K Gilbride, P Ge, P S DiStefano, I Silos-Santiago, W A Catterall, T Scheuer.

  Molecular and Cellular Neurosciences 2001 Nov; 18(5):570.