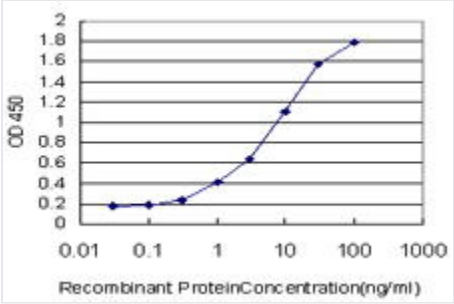
SCN2B Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	SCN2B, Monoclonal Antibody
Full Product Name	SCN2B (Sodium Channel Subunit beta-2, UNQ326/PRO386) APC
Product Gene Name	anti-SCN2B antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2G11-C12
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human SCN2B.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo original vial prior to removing the cap.
Molecular Weight	24,326 Da
Immunogen	Full length recombinant corresponding to aa1-216 from human SCN2B (AAH36793) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MHRDAWLPRPAFSLTGLSLFFSLVPPGRSMEVTVPATLNVLNGSDARLPCTFNSCYTVNHKQFSLNWTYQECNNCSEEMFLQFRMKIINLKLERFQDRV
Conjugate	APC
Product Categories/Family for anti-SCN2B antibody	Antibodies; Ion Channel
Applications Tested/Suitable for anti-SCN2B antibody	ELISA (EIA)
Application Notes for anti-SCN2B antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-SCN2B antibody	Scn2b encodes one type of beta subunit found in voltage-gated sodium channels. These channels, composed of one alpha and one or two different be with an immunoglobulin-like fold and a single transmembrane domain, has been shown in brain tissues to be covalently linked through disulfide bonds adhesion. Scnb2 null mice display increased susceptibility to seizures. Expression of Scn2b has been shown to be suppressed with exposure to pneum
Other Notes	Small volumes of anti-SCN2B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces may apply.

Searchable Terms for SCN2B purchase	MBS6138933 is an antibody targeting SCN2B. Also known as SCN2B (Sodium Channel Subunit beta-2, UNQ326/PRO386) APC. Reactive in Human.



Testing Data of anti-SCN2B antibody
Detection limit for recombinant GST tagged SCN2B is ~0.03ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCN2B. It may not necessarily be applicable to this product.

NCBI GI #	22477313
NCBI GeneID	6327
NCBI Accession #	BC036793
NCBI Related Accession #	AAH36793
UniProt Secondary Accession #	O75302; Q9UNN3
UniProt Related Accession #	O60939
NCBI Official Full Name	Homo sapiens sodium channel, voltage-gated, type II, beta, mRNA
NCBI Official Synonym Full Names	sodium voltage-gated channel beta subunit 2
NCBI Official Symbol	SCN2B
NCBI Official Synonym Symbols	ATFB14
Protein Family	Sodium channel
NCBI Protein Information	sodium channel subunit beta-2
NCBI Summary for SCN2B	The protein encoded by this gene is the beta 2 subunit of the type II voltage-gated sodium channel. The encoded protein is involved in cell-cell adhesion and cell migration. Defects in this gene can be a cause of Brugada Syndrome, atrial fibrillation, or sudden infant death syndrome. [provided by RefSeq, Jul 2015]
Research Articles on SCN2B	**1.** Contribution of Cardiac Sodium Channel beta-Subunit Variants to Brugada Syndrome.
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