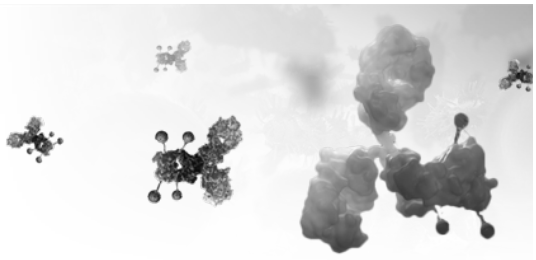

Mouse anti-Human KCNC3 monoclonal antibody, clone 2D2 (CABT-B10493)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KCNC3 (NP_004968, 671 a.a. ~ 758 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2D2
Conjugate	Unconjugated
Applications	WB,IF,ELISA
Sequence Similarities	ALAHEDCPAIDQPAMSPEDKSPITPGSRGRYSRDRACFLLTDYAPSPDGSIRKATGAPPL PPQDWRKPGPPSFLPDLNANAAAWISP*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	The Shaker gene family of Drosophila encodes components of voltage-gated potassium channels and is comprised of four subfamilies. Based on sequence similarity, this gene is

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

	similar to one of these subfamilies, namely the Shaw subfamily. The protein encoded by this gene belongs to the delayed rectifier class of channel proteins and is an integral membrane protein that mediates the voltage-dependent potassium ion permeability of excitable membranes. Alternate splicing results in several transcript variants. [provided by RefSeq, Mar 2014]
Keywords	KCNC3; potassium channel, voltage gated Shaw related subfamily C, member 3; KV3.3; SCA13; KSHIIID; potassium voltage-gated channel subfamily C member 3; voltage-gated potassium channel protein KV3.3; voltage-gated potassium channel subunit Kv3.3; Shaw-related voltage-gated potassium channel protein 3; potassium voltage-gated channel, Shaw-related subfamily, member 3;

GENE INFORMATION

Entrez Gene ID	3748
UniProt ID	Q14003
Pathway	Potassium Channels, organism-specific biosystem; Synaptic Transmission, organism-specific biosystem; Voltage gated Potassium channels, organism-specific biosystem
Function	voltage-gated ion channel activity; voltage-gated potassium channel activity

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