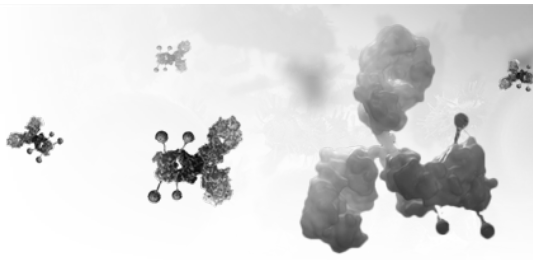

Mouse anti-Human KCNE1 monoclonal antibody, clone 6C23 (CABT-B10495)

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

PRODUCT INFORMATION

Immunogen	KCNE1 (NP_000210, 67 a.a. ~ 130 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	6C23
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA,RNAi Knockdown
Sequence Similarities	RSKKLEHSNDPFNVYIESDAWQEKDKAYVQARVLESYRSCYVVENHLAIEQPNTHLPETKPSP*
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 product of this gene belongs to the potassium channel KCNE family. Potassium ion channels are essential to many cellular functions and show a high degree of diversity, varying

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	in their electrophysiologic and pharmacologic properties. This gene encodes a transmembrane protein known to associate with the product of the KVLQT1 gene to form the delayed rectifier potassium channel. Mutation in this gene are associated with both Jervell and Lange-Nielsen and Romano-Ward forms of long-QT syndrome. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]
Keywords	KCNE1; potassium channel, voltage gated subfamily E regulatory beta subunit 1; ISK; JLNS; LQT5; MinK; JLNS2; LQT2/5; potassium voltage-gated channel subfamily E member 1; minimal potassium channel; delayed rectifier potassium channel subunit IsK; voltage gated potassiun channel accessory subunit; cardiac delayed rectifier potassium channel protein; potassium voltage-gated channel, Isk-related family, member 1; potassium voltage-gated channel, Isk-related subfamily, member 1; IKs producing slow voltage-gated potassium channel subunit beta Mink;

GENE INFORMATION

Entrez Gene ID	3753
UniProt ID	Q6FHJ6
Function	delayed rectifier potassium channel activity; potassium channel regulator activity; voltage-gated ion channel activity

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