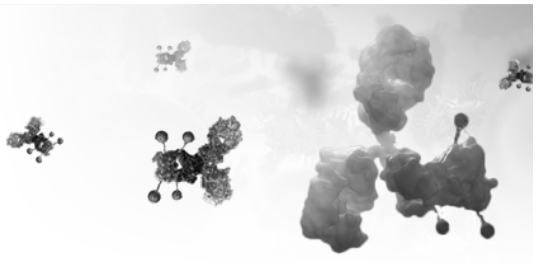

Mouse anti-Human KCNJ15 monoclonal antibody, clone 2C3 (CABT-B10503)

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

PRODUCT INFORMATION

Immunogen	KCNJ15 (NP_002234, 290 a.a. ~ 356 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2C3
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA,RNAi Knockdown
Sequence Similarities	TSAVCQSRTSYIPEEIYWGFEFVPVVSLSKNGKYVADFSQFEQIRKSPDCTFYCADSEKQQLEEKY*
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	Potassium channels are present in most mammalian cells, where they participate in a wide range of physiologic responses. The protein encoded by this gene is an integral membrane

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	protein and inward-rectifier type potassium channel. The encoded protein has a greater tendency to allow potassium to flow into a cell rather than out of a cell. Eight transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Feb 2013]
Keywords	KCNJ15; potassium channel, inwardly rectifying subfamily J, member 15; IRKK; KIR1.3; KIR4.2; ATP-sensitive inward rectifier potassium channel 15; inward rectifier K+ channel KIR4.2; inward rectifier K(+) channel Kir1.3; inward rectifier K(+) channel Kir4.2; potassium channel, inwardly rectifying subfamily J member 15; potassium inwardly-rectifying channel, subfamily J, member 15;

GENE INFORMATION

Entrez Gene ID	3772
UniProt ID	Q99712
Pathway	Activation of G protein gated Potassium channels, organism-specific biosystem; Activation of GABAB receptors, organism-specific biosystem; G protein gated Potassium channels, organism-specific biosystem; GABA B receptor activation, organism-specific biosystem; GABA receptor activation, organism-specific biosystem; Gastric acid secretion, organism-specific biosystem
Function	inward rectifier potassium channel activity; potassium channel activity; voltage-gated ion channel activity

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