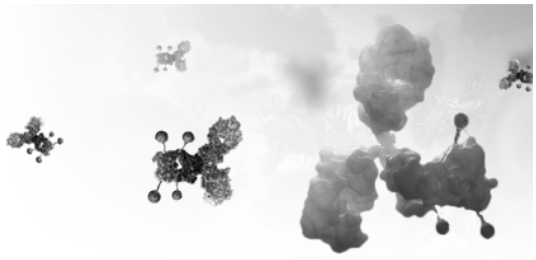

Mouse anti-Human KCNK5 monoclonal antibody, clone 3C5 (CABT-B10506)

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

PRODUCT INFORMATION

Immunogen	KCNK5 (AAH60793, 1 a.a. ~ 500 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3C5
Conjugate	Unconjugated
Applications	sELISA,ELISA
Sequence Similarities	MVDRGPLLTSAIIFYLAIGAAIFEVLEEPHWKEAKKNYYTQKLHLLKEFPCLGQEGLDKI LEVVSDAAGQGVAITGNQTFNNWNWPNAMIFAATVITTIGYGNVAPKTPAGRLFCVFYGL FGVPLCLTWISALGKFFGGRAKRLGQFLTKRGVSLRKAQITCTVIFIVWGVLVHLVIPPF VFMVTEGWNYIEGLYYSFITISTIGFGDFVAGVNPSANYHALYRYFVELWIYLGLAWLSL FVNWKVSMFVEVHKA
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

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Introduction	This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The message for this gene is mainly expressed in the cortical distal tubules and collecting ducts of the kidney. The protein is highly sensitive to external pH and this, in combination with its expression pattern, suggests it may play an important role in renal potassium transport. [provided by RefSeq, Jul 2008]
Keywords	KCNK5; potassium channel, two pore domain subfamily K, member 5; TASK2; K2p5.1; TASK-2; potassium channel subfamily K member 5; K2P5.1 potassium channel; TWIK-related acid-sensitive K+ channel 2; TWIK-related acid-sensitive K(+) channel 2; acid-sensitive potassium channel protein TASK-2; potassium channel, subfamily K, member 1 (TASK-2);

GENE INFORMATION

Entrez Gene ID	8645
UniProt ID	O95279
Pathway	Protein digestion and absorption, organism-specific biosystem; Protein digestion and absorption, conserved biosystem
Function	potassium channel activity; voltage-gated ion channel activity

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