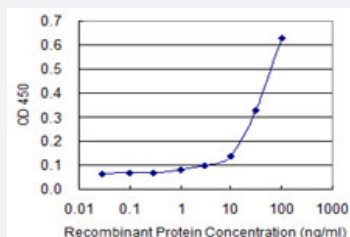


KCNK5 monoclonal antibody (M05), clone 2B4

Catalog # H00008645-M05

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KCNK5 is 1 ng/ml as a capture antibody.

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant KCNK5.

Immunogen

KCNK5 (AAH60793, 1 a.a. ~ 499 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MVDRGPLLTSIIIFYLAIGAAIFEVL EEPHWKEAKKNYYTQKLHLLKEFPCLGQEGLDKILEVVSDAA
GQGVAITGNQTFNNWNWPNAMIFAATVITIGYGNVAPKTPAGRLFCVFGYGLFGVPLCLTWISALGK
FFGGRAKRLGQFLTKRGVSLRKAQITCTVIFVWGVLVHLVIPPFVFMVTEGWNYIEGLYYSFITISTIG
FGDFVAGVNPSANYHALYRYFVELWYLGAWLSLFVNWKVSMFVEVHKAIKRRRRRRKESFESS
PHSRKALQVKGSTASKDVNIFSFLSKKEETYNDLIKQIGKKAMKTS GGGETGPGPGLGPQGGGLP
ALPPSLVPLVVYSKNRVPTLEEVSQTLRSKGHVSRSPDEEAVARAPEDSSPAPEVFMNQLDRIS
EECEPWDAQDYHPLIFQDASITFVNTEAGLSDEETSKSSLEDNLAGEESPQQGAEAKAPLNMGE
FPSSSESTFTSTESELSVPYEQLMNEYNKANSPKGT

Host

Mouse

Reactivity

Human

Isotype

IgG1 Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged KCNK5 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — KCNK5

Entrez GeneID	8645
---------------	----------------------

GeneBank Accession#	BC060793
---------------------	--------------------------

Protein Accession#	AAH60793
--------------------	--------------------------

Gene Name	KCNK5
-----------	-------

Gene Alias	FLJ11035, K2p5.1, TASK-2, TASK2
------------	---------------------------------

Gene Description	potassium channel, subfamily K, member 5
------------------	--

Omim ID	603493
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Gene Summary	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]
--------------	--

Other Designations	K2P5.1 potassium channel OTTHUMP00000016343 TWIK-related acid-sensitive K+ channel 2 acid-sensitive potassium channel protein TASK-2 potassium channel, subfamily K, member 1 (TASK-2)
--------------------	--