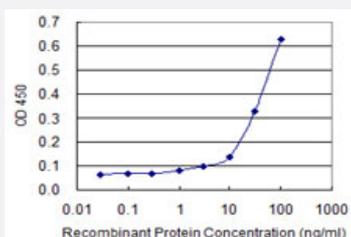


KCNK5 monoclonal antibody (M05), clone 2B4

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	MVDRGPLLTSAILFYLAIGAAIFEVLEEPHWKEAKKNYYTQKLHLLKEFPCLGQEGLDKILEVVSDAA GQGVAITGNQTFNNWNWPNAMIFAATVITIGYGNVAPKTPAGRLFCVFGYGLFGVPLCLTWISALGK FFGGRAKRLGQFLTKRGVSLRKAQITCTVIFVWGVLVHLVIPPVFMVTEGWNYEGLYSFITISTIG FGDFVAGVNPSANYHALYRYFVELWYGLAWLSLFVNWKVSMFVEVHKAIKRRRRRKRKESFESS PHSRKALQVKGSTASKDVNIFSFLSKKEETYNDLIKQIGKKAMKTSGGGETGPGPLGPQGGGLP ALPPSLVPLVVYSKNRVPTLEEVSQTLRSKGHVSRSPDEEAVARAPEDSSPAPEVFMNQLDRIS EECEPWDAQDYHPLIFQDASITFVNTEAGLSDEETSXSLEDNLAGEESPQQGAEAKAPLNMGE 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)