



KCNK5 Monoclonal Antibody

Catalog No BYmab-05948 Isotype IgG Reactivity Human;Rat;Mouse; Applications WB Gene Name KCNK5 TASK2 Protein Name Potassium channel subfamily K member 5 (Acid-sensitive potassium channel protein TASK-2) (TWIK-related acid-sensitive K(+) channel 2) Immunogen Synthesized peptide derived from human protein . at AA range: 230-310 Specificity KCNK5 Monoclonal Antibody detects endogenous levels of protein. Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Monoclonal, Mouse, IgG Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Observed Band 54kD Cell Pathway Membrane; Multi-pass membrane protein. Tissue Specificity Abundant expression in kidney, also detected in liver, placenta and small intestine. In the kidney, expression is restricted to the distal tubules or glomeruli (PubMed:9812978). Not expressed in proximal tubules or glomeruli (PubMed:9812978). Not expressed in p		
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Background	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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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