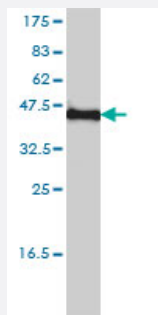


KCNF1 monoclonal antibody (M01A), clone S2

Catalog # H00003754-M01A

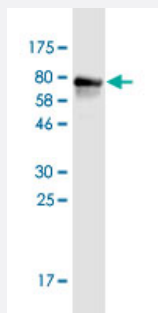
Size 200 uL

Applications



Western Blot (Cell lysate)

KCNF1 monoclonal antibody (M01A), clone 1B2-7B6 Western Blot analysis of KCNF1 expression in HeLa (Cat # L013V1).



Western Blot detection against Immunogen (80.08 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant KCNF1.

Immunogen

KCNF1 (AAH26110, 1 a.a. ~ 494 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MDGSGERSLPEPGSQSSAASDDIEMVNVGGVRQVLYGDLLSQYPETRLAELINCLAGGYDTIFSL
CDDYDPGKREFYFDRDPDAFKCVIEVYFGEVHMKKGICPICFKNEMDFWKVDLKFLLDDCCKSH
LSEKREELEEIARRVQLILDDLGVDAAEGRWRCQKCVWKFLKPESSCPARVVAVLSFLLILVS
SVVMCMGTIPELQVLDAEGNRVEHPTLENVETACIGWFTLEYLLRLFSSPNKLHFALSFMNVDVL
AILPFYVSLTLTHLGARMELTNVQQAVQALRIMRIARIFKLARHSSGLQTLTYALKRSFKELGLLLM
YLAVGIFVFSALGYTMEQSHPETLFKSIPQSFWWAITMTTVGYGDIYPKTTLGKLNAAISFLCGVIAIA
LPIHPINNFRVYRNKQRVLETAAKHELELMELNSSSGGEGKTGGSRSDDLNLPPPEAGKEAPSCS
SRLKLSHSDTFIPLLTEEKHHRTLRQSK

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (80.08 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

KCNF1 monoclonal antibody (M01A), clone 1B2-7B6 Western Blot analysis of KCNF1 expression in Hela (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — KCNF1

Entrez GeneID	3754
GeneBank Accession#	BC026110
Protein Accession#	AAH26110
Gene Name	KCNF1
Gene Alias	IK8, KCNF, KV5.1, MGC33316, KH1
Gene Description	potassium voltage-gated channel, subfamily F, member 1
Omim ID	603787

Gene Ontology[Hyperlink](#)**Gene Summary**

Voltage-gated potassium (Kv) channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a member of the potassium channel, voltage-gated, subfamily F. This gene is intronless and expressed in all tissues tested, including the heart, skeletal muscle, brain, kidney, and pancreas. [provided by RefSeq]

Other Designations

potassium channel KH1|potassium channel Kv5.1