

KCNK1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4542
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human KCNK1 (AA: extra mix) expressed in E. Coli.
Mol wt	38.1kDa
Species reactivity	Others
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	DPK;HOHO;K2P1;KCN01;TWIK1;K2p1.1;TWIK-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity. [provided by RefSeq, Jul 2008]

Recommended Dilution

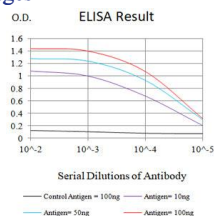
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

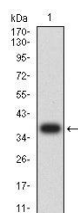
ELISA: 1:10000

Not yet tested in other applications.

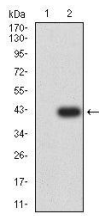
Images



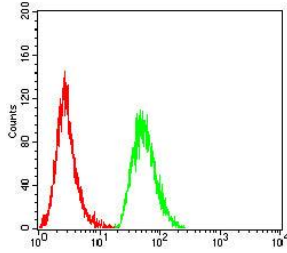
Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



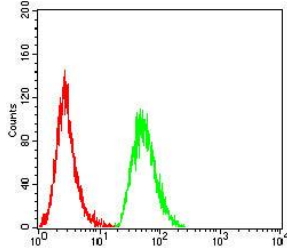
Western blot analysis using KCNK1 mAb against human KCNK1 (AA: extra mix) recombinant protein. (Expected MW is 36.7 kDa)



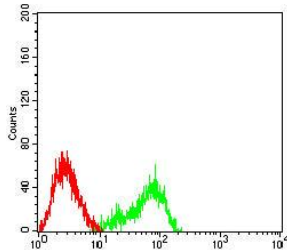
Western blot analysis using KCNK1 mAb against HEK293-6e (1) and KCNK1 (AA: extra mix)-hlgGfC transfected HEK293-6e (2) cell lysate.



Flow cytometric analysis of C6 cells using KCNK1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of HepG2 cells using KCNK1 mouse mAb (green) and negative control (red).



Flow cytometric analysis of SK-N-SH cells using KCNK1 mouse mAb (green) and negative control (red).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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