

PDK2 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3900
Host	Mouse
Isotype	Mouse IgG2b
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human PDK2 (AA: 178-404) expressed in E. Coli.
Mol wt	46.2kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,FCM
Concentration	N/A
Full name	N/A
Synonyms	PDHK2;PDKII

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

Background

This gene encodes a member of the pyruvate dehydrogenase kinase family. The encoded protein phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of this gene may play a role in both cancer and diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Recommended Dilution

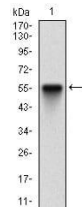
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

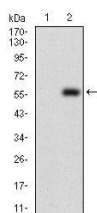
ELISA: 1:10000

Not yet tested in other applications.

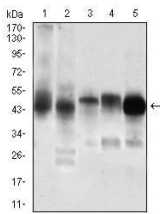
Images



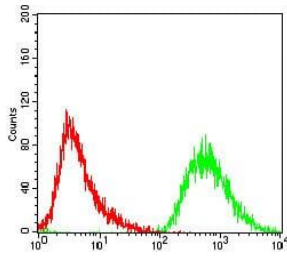
Western blot analysis using PDK2 mAb against human PDK2 (AA: 178-404) recombinant protein.
(Expected MW is 51.2 kDa)



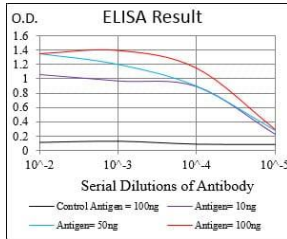
Western blot analysis using PDK2 mAb against HEK293 (1) and PDK2 (AA: 178-404)-hIgGfc transfected HEK293 (2) cell lysate.



Western blot analysis using PDK2 mouse mAb against Jurkat (1), C6 (2), Cos7 (3), K562 (4), A431 (5) cell lysate.



Flow cytometric analysis of A431 cells using PDK2 mouse mAb (green) and negative control (red).



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

Storage

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

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com