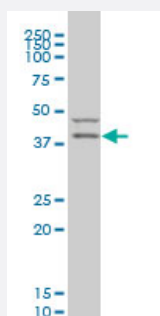


PDK2 monoclonal antibody (M01), clone 2G1

Catalog # H00005164-M01

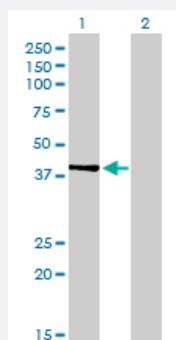
Size 100 ug

Applications



Western Blot (Cell lysate)

PDK2 monoclonal antibody (M01), clone 2G1 Western Blot analysis of PDK2 expression in U-2 OS (Cat # L022V1).

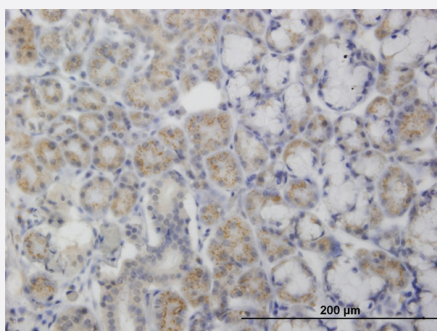


Western Blot (Transfected lysate)

Western Blot analysis of PDK2 expression in transfected 293T cell line by PDK2 monoclonal antibody (M01), clone 2G1.

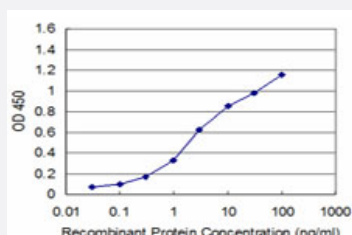
Lane 1: PDK2 transfected lysate(46.2 KDa).

Lane 2: Non-transfected lysate.



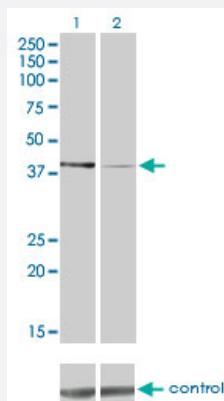
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to PDK2 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 0.8 ug/ml]



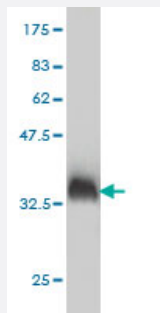
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PDK2 is approximately 0.3ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of PDK2 over-expressed 293 cell line, cotransfected with PDK2 Validated Chimera RNAi (Cat # H00005164-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PDK2 monoclonal antibody (M01) clone 2G1 (Cat # H00005164-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (35.31 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PDK2.
Immunogen	PDK2 (AAH05811, 187 a.a. ~ 276 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	HIGSIDPNCNVSEVVKDAYDMAKLLCDKYYMASPDLEIQEINAANSKQPIHMVYVPSHLYHMLFELFKNAMRATVESHESSLILPPIKVM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (91)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.31 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

PDK2 monoclonal antibody (M01), clone 2G1 Western Blot analysis of PDK2 expression in U-2 OS (Cat # L022V1).

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- Western Blot (Transfected lysate)

Western Blot analysis of PDK2 expression in transfected 293T cell line by PDK2 monoclonal antibody (M01), clone 2G1.

Lane 1: PDK2 transfected lysate(46.2 KDa).

Lane 2: Non-transfected lysate.

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- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to PDK2 on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 0.8 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PDK2 is approximately 0.3ng/ml as a capture antibody.

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- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of PDK2 over-expressed 293 cell line, cotransfected with PDK2 Validated Chimera RNAi (Cat # H00005164-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PDK2 monoclonal antibody (M01) clone 2G1 (Cat # H00005164-M01). GAPDH (36.1 kDa) used as specificity and loading control.

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Gene Info — PDK2

Entrez GeneID

[5164](#)

GeneBank Accession#	BC005811
Protein Accession#	AAH05811
Gene Name	PDK2
Gene Alias	PDHK2
Gene Description	pyruvate dehydrogenase kinase, isozyme 2
Omim ID	602525
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	pyruvate dehydrogenase kinase, isoenzyme 2