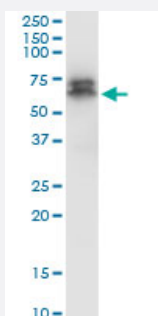


PDPK1 monoclonal antibody (M05), clone 2E2

Catalog # H00005170-M05

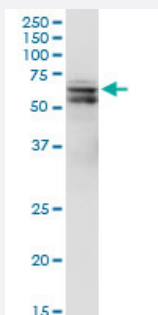
Size 100 ug

Applications



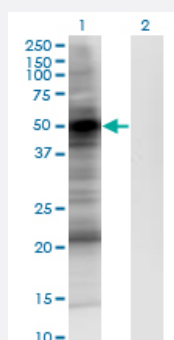
Western Blot (Tissue lysate)

PDPK1 monoclonal antibody (M05), clone 2E2. Western Blot analysis of PDPK1 expression in rat brain.



Western Blot (Cell lysate)

PDPK1 monoclonal antibody (M05), clone 2E2. Western Blot analysis of PDPK1 expression in IMR-32.

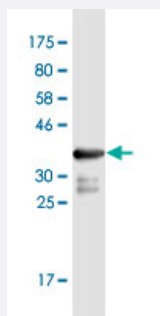


Western Blot (Transfected lysate)

Western Blot analysis of PDPK1 expression in transfected 293T cell line by PDPK1 monoclonal antibody (M05), clone 2E2.

Lane 1: PDPK1 transfected lysate (Predicted MW: 48.2 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PDPK1.
Immunogen	PDPK1 (NP_002604, 457 a.a. ~ 556 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ILKMGPVDKRKGLFARRRQLLLTEGPHLYYDPVNKVLKGEIPWSQELRPEAKNFKTFFVHTPNRT YYLMDPSGNAHKWCRKIQEVWRQRYQSHPDAAVQ
Host	Mouse
Reactivity	Human, Rat
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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 (Tissue lysate)

PDPK1 monoclonal antibody (M05), clone 2E2. Western Blot analysis of PDPK1 expression in rat brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

PDPK1 monoclonal antibody (M05), clone 2E2. Western Blot analysis of PDPK1 expression in IMR-32.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PDPK1 expression in transfected 293T cell line by PDPK1 monoclonal antibody (M05), clone 2E2.

Lane 1: PDPK1 transfected lysate (Predicted MW: 48.2 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — PDPK1

Entrez GeneID	5170
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GeneBank Accession#	NM_002613
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Protein Accession#	NP_002604
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Gene Name	PDPK1
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Gene Alias	MGC20087, MGC35290, PDK1, PRO0461
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Gene Description	3-phosphoinositide dependent protein kinase-1
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Omim ID	605213
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Gene Ontology	Hyperlink
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Other Designations	PkB kinase like gene 1 PkB-like 1 protein kinase
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Pathway

- [Endometrial cancer](#)
- [Focal adhesion](#)
- [Insulin signaling pathway](#)
- [mTOR signaling pathway](#)
- [Non-small cell lung cancer](#)

- [PPAR signaling pathway](#)
- [Prostate cancer](#)

Disease

- [Adenocarcinoma](#)
- [Thyroid Neoplasms](#)