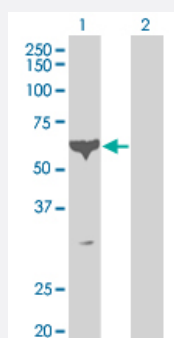


PCTK1 monoclonal antibody (M02), clone 2E5

Catalog # H00005127-M02

Size 100 ug

Applications

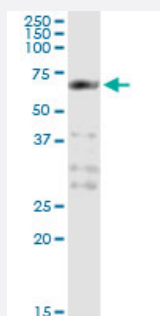


Western Blot (Transfected lysate)

Western Blot analysis of PCTK1 expression in transfected 293T cell line by PCTK1 monoclonal antibody (M02), clone 2E5.

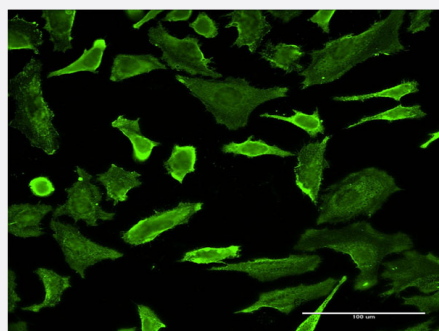
Lane 1: PCTK1 transfected lysate (Predicted MW: 55.7 kDa).

Lane 2: Non-transfected lysate.



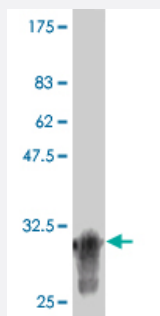
Immunoprecipitation

Immunoprecipitation of PCTK1 transfected lysate using anti-PCTK1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PCTK1 MaxPab rabbit polyclonal antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to PCTK1 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (34.21 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PCTK1.
Immunogen	PCTK1 (AAH01048, 1 a.a. ~ 80 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDRMKKIKRQLSMTLRGGRGIDKTNGAPEQIGLDESGGGGSDPGEAPTRAAPGELRSARGPLS SAPEIVHEDLKMGSDG
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.21 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 (Transfected lysate)

Western Blot analysis of PCTK1 expression in transfected 293T cell line by PCTK1 monoclonal antibody (M02), clone 2E5.

Lane 1: PCTK1 transfected lysate (Predicted MW: 55.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of PCKT1 transfected lysate using anti-PCKT1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PCKT1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to PCKT1 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — PCKT1

Entrez GeneID	5127
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GeneBank Accession#	BC001048
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Protein Accession#	AAH01048
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Gene Name	PCKT1
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Gene Alias	FLJ16665, PCTAIRE, PCTAIRE1, PCTGAIRE
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Gene Description	PCTAIRE protein kinase 1
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Omim ID	311550
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Gene Ontology	Hyperlink
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Gene Summary	The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated cells. This gene is thought to escape X inactivation. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]
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Other Designations	OTTHUMP00000023208 OTTHUMP00000023209 PCTAIRE-motif protein kinase 1 serine/threonine-protein kinase
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