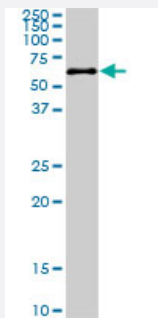


PKNOX2 monoclonal antibody (M01), clone 4B6

Catalog # H00063876-M01

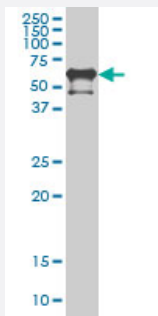
Size 100 ug

Applications



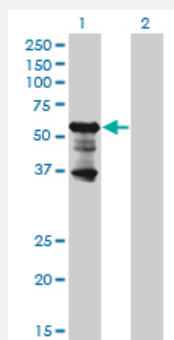
Western Blot (Cell lysate)

PKNOX2 monoclonal antibody (M01), clone 4B6. Western Blot analysis of PKNOX2 expression in NIH/3T3 (Cat # L018V1).



Western Blot (Cell lysate)

PKNOX2 monoclonal antibody (M01), clone 4B6 Western Blot analysis of PKNOX2 expression in HeLa S3 NE (Cat # L013V3).

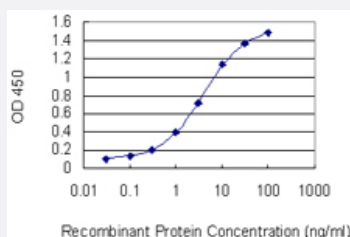


Western Blot (Transfected lysate)

Western Blot analysis of PKNOX2 expression in transfected 293T cell line by PKNOX2 monoclonal antibody (M01), clone 4B6.

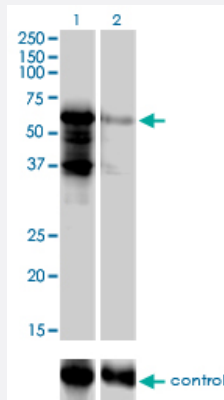
Lane 1: PKNOX2 transfected lysate(51.9 KDa).

Lane 2: Non-transfected lysate.



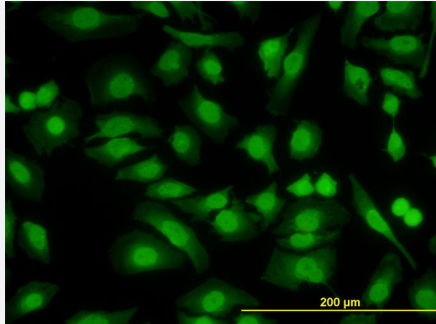
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PKNOX2 is 0.03 ng/ml as a capture antibody.



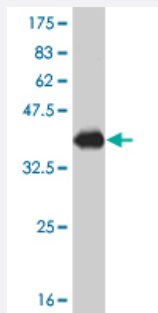
RNAi Knockdown (Antibody validated)

Western blot analysis of PKNOX2 over-expressed 293 cell line, cotransfected with PKNOX2 Validated Chimera RNAi (Cat # H00063876-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PKNOX2 monoclonal antibody (M01), clone 4B6 (Cat # H00063876-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Immunofluorescence

Immunofluorescence of monoclonal antibody to PKNOX2 on HeLa cell.
[antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PKNOX2.
Immunogen	PKNOX2 (NP_071345, 116 a.a. ~ 215 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PELDNLMVKAIQVLRHLLLEKVNELCKDFCNRYITCFKTKMHSDNLLRNDLGGPYSPNQPSINLH SQDLLQNSPNSMSGVSNNPQGIVVPASALQQGN
Host	Mouse
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (98); Rat (97)

Isotype	IgG2b 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 (Cell lysate)

PKNOX2 monoclonal antibody (M01), clone 4B6. Western Blot analysis of PKNOX2 expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

PKNOX2 monoclonal antibody (M01), clone 4B6 Western Blot analysis of PKNOX2 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of PKNOX2 expression in transfected 293T cell line by PKNOX2 monoclonal antibody (M01), clone 4B6.

Lane 1: PKNOX2 transfected lysate(51.9 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PKNOX2 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of PKNOX2 over-expressed 293 cell line, cotransfected with PKNOX2 Validated Chimera RNAi (Cat # H00063876-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PKNOX2 monoclonal antibody (M01), clone 4B6 (Cat # H00063876-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of monoclonal antibody to PKNOX2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — PKNOX2

Entrez GeneID	63876
---------------	-----------------------

GeneBank Accession#	NM_022062
---------------------	---------------------------

Protein Accession#	NP_071345
--------------------	---------------------------

Gene Name	PKNOX2
-----------	--------

Gene Alias	FLJ13074, PREP2
------------	-----------------

Gene Description	PBX/knotted 1 homeobox 2
------------------	--------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Other Designations	-
--------------------	---

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)