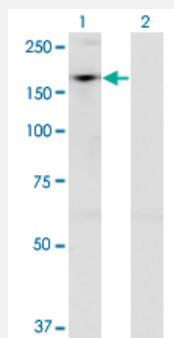


# ADNP monoclonal antibody (M02), clone 2C5

Catalog # H00023394-M02

Size 100 ug

## Applications

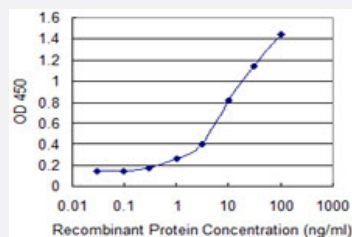


### Western Blot (Transfected lysate)

Western Blot analysis of ADNP expression in transfected 293T cell line by ADNP monoclonal antibody (M02), clone 2C5.

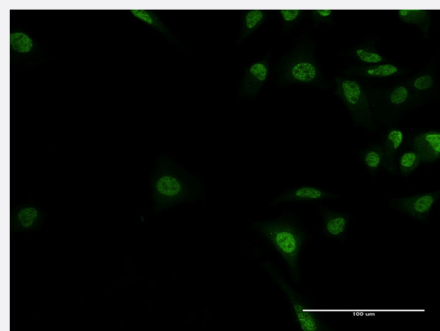
Lane 1: ADNP transfected lysate (Predicted MW: 123.6 kDa).

Lane 2: Non-transfected lysate.



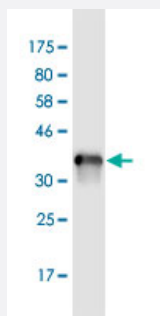
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADNP is 0.1 ng/ml as a capture antibody.



### Immunofluorescence

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



Western Blot detection against Immunogen (35.09 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant ADNP.
<b>Immunogen</b>	ADNP (NP_056154, 1018 a.a. ~ 1102 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	TMQGDREQLKWKNSSYGVKVEGFWSKDQSQWKNASENDERLSNPQIEWQNSTIDSEGEQFDN MTDGVAEPMHGSLAGVKLSSQQA
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (93)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.09 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

### ● Western Blot (Transfected lysate)

Western Blot analysis of ADNP expression in transfected 293T cell line by ADNP monoclonal antibody (M02), clone 2C5.

Lane 1: ADNP transfected lysate (Predicted MW: 123.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ADNP is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

## Gene Info — ADNP

Entrez GeneID [23394](#)

GeneBank Accession# [NM\\_015339](#)

Protein Accession# [NP\\_056154](#)

Gene Name ADNP

Gene Alias ADNP1, KIAA0784

Gene Description activity-dependent neuroprotector homeobox

Omim ID [611386](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Vasoactive intestinal peptide is a neuroprotective factor that has a stimulatory effect on the growth of some tumor cells and an inhibitory effect on others. This gene encodes a protein that is upregulated by vasoactive intestinal peptide and may be involved in its stimulatory effect on certain tumor cells. The encoded protein contains one homeobox and nine zinc finger domains, suggesting that it functions as a transcription factor. This gene is also upregulated in normal proliferative tissues. Finally, the encoded protein may increase the viability of certain cell types through modulation of p53 activity. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]

**Other Designations** ADNP homeobox 1|OTTHUMP00000031275|OTTHUMP00000165329|activity-dependent neuroprotective protein|activity-dependent neuroprotector

## Disease

- [Diabetic Nephropathies](#)