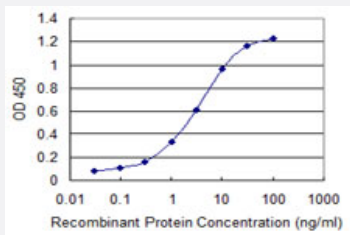


# PCQAP monoclonal antibody (M02), clone 4A4

Catalog # H00051586-M02

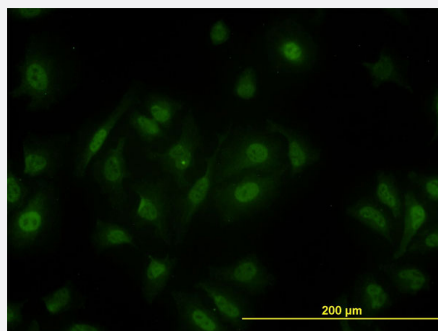
Size 100 ug

## Applications



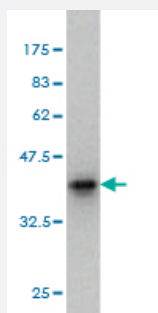
### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MED15 is 0.03 ng/ml as a capture antibody.



### Immunofluorescence

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



Western Blot detection against Immunogen (35.42 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant PCQAP.

Immunogen	PCQAP (NP_056973, 1 a.a. ~ 88 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDVSGQETDWRSTAFRQKLVSQIEDAMRKAGVAHSKSSKDMESHVFLKAKTRDEYLSLVARLIHH FRDIHNKKSQASVSDPMNALQSL
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.42 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MED15 is 0.03 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

## Gene Info — MED15

Entrez GeneID	<a href="#">51586</a>
GeneBank Accession#	<a href="#">NM_015889</a>
Protein Accession#	<a href="#">NP_056973</a>
Gene Name	MED15

<b>Gene Alias</b>	ARC105, CAG7A, CTG7A, DKFZp686A2214, DKFZp762B1216, FLJ42282, FLJ42935, PCQA P, TIG-1, TIG1, TNRC7
<b>Gene Description</b>	mediator complex subunit 15
<b>Omim ID</b>	<a href="#">607372</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	The protein encoded by this gene is a subunit of the multiprotein complexes PC2 and ARC/DRIP and may function as a transcriptional coactivator in RNA polymerase II transcription. This gene contains stretches of trinucleotide repeats and is located in the chromosome 22 region which is deleted in DiGeorge syndrome. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
<b>Other Designations</b>	CTG repeat protein 7a PC2 (positive cofactor 2, multiprotein complex) glutamine/Q-rich-associated protein PC2-glutamine-rich-associated protein TPA inducible gene-1 TPA inducible protein activator-recruited cofactor, 105-kD positive cofactor 2, glutamine/

## Publication Reference

- [MED19 and MED26 are synergistic functional targets of the RE1 silencing transcription factor in epigenetic silencing of neuronal gene expression.](#)

Ding N, Tomomori-Sato C, Sato S, Conaway RC, Conaway JW, Boyer TG.

The Journal of Biological Chemistry 2008 Dec; 284(5):2648.

Application: WB-Tr, Human, HeLa cells

- [TAZ controls Smad nucleocytoplasmic shuttling and regulates human embryonic stem-cell self-renewal.](#)

Varelas X, Sakuma R, Samavarchi-Tehrani P, Peerani R, Rao BM, Dembowy J, Yaffe MB, Zandstra PW, Wrana JL.

Nature Cell Biology 2008 Jun; 10(7):837.

Application: ChIP, IF, WB, Human, COS-7, HepG2, Mv1Lu cells

## Disease

- [Schizophrenia](#)