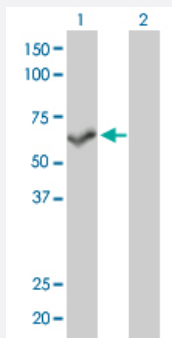


PPP3CB monoclonal antibody (M01), clone 5D3

Catalog # H00005532-M01

Size 100 ug

Applications

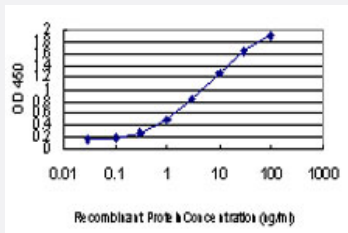


Western Blot (Transfected lysate)

Western Blot analysis of PPP3CB expression in transfected 293T cell line by PPP3CB monoclonal antibody (M01), clone 5D3.

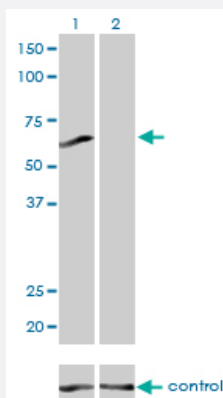
Lane 1: PPP3CB transfected lysate (59.1 kDa).

Lane 2: Non-transfected lysate.



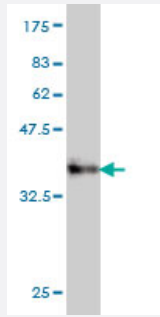
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PPP3CB is approximately 0.03 ng/ml as a capture antibody.



RNAi Knockdown (Antibody validated)

Western blot analysis of PPP3CB over-expressed 293 cell line, cotransfected with PPP3CB Validated Chimera RNAi (Cat # H00005532-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PPP3CB monoclonal antibody (M01), clone 5D3 (Cat # H00005532-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PPP3CB.
Immunogen	PPP3CB (NP_066955, 435 a.a. ~ 524 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	LTPTGMLPSGVLGGGRQTLQSATVEAIEAEKAIRGFSPPHRCSFEEAKGLDRINERMPPRKDAVQ QDGFNSLNTAHATENHGTGNHTAQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (97)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 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 PPP3CB expression in transfected 293T cell line by PPP3CB monoclonal antibody (M01), clone 5D3.

Lane 1: PPP3CB transfected lysate(59.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PPP3CB is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of PPP3CB over-expressed 293 cell line, cotransfected with PPP3CB Validated Chimera RNAi (Cat # H00005532-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with PPP3CB monoclonal antibody (M01), clone 5D3 (Cat # H00005532-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — PPP3CB

Entrez GeneID	5532
GeneBank Accession#	NM_021132
Protein Accession#	NP_066955
Gene Name	PPP3CB
Gene Alias	CALNA2, CALNB
Gene Description	protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform
Omim ID	114106
Gene Ontology	Hyperlink
Gene Summary	catalytic subunit
Other Designations	OTTHUMP00000019823 calcineurin A beta calcineurin A2 protein phosphatase from PCR fragment H32

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

- [Apoptosis](#)
- [Axon guidance](#)
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