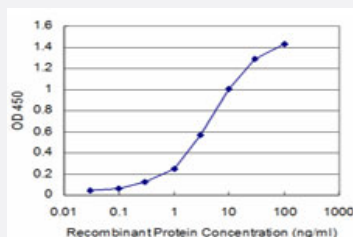


CACNB2 monoclonal antibody (M04), clone 5C10

Catalog # H00000783-M04

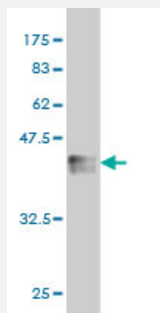
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CACNB2 is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.53 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CACNB2.
Immunogen	CACNB2 (NP_963890, 213 a.a. ~ 301 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PSSRKSTPPSSAIDIDATGLDAEENDIPANHRSPKPSANSVTSPHSKEKRMPPFFKKTEHTPPYDV VPSMRPVVLVGPSLKGYEVTDMMQ
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 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 CACNB2 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CACNB2

Entrez GeneID	783
GeneBank Accession#	NM_201596
Protein Accession#	NP_963890
Gene Name	CACNB2
Gene Alias	CACNLB2, CAVB2, FLJ23743, MYSB
Gene Description	calcium channel, voltage-dependent, beta 2 subunit
Omim ID	600003
Gene Ontology	Hyperlink
Gene Summary	voltage-dependent

Other Designations

OTTHUMP00000019254|OTTHUMP00000019255|OTTHUMP00000019256|OTTHUMP000001
96786|myasthenic (Lambert-Eaton) syndrome antigen B

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cardiac muscle contraction](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [MAPK signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Migraine without Aura](#)
- [Narcolepsy](#)
- [Tobacco Use Disorder](#)