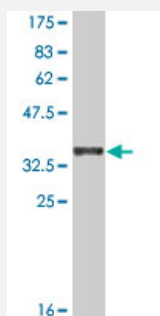


CDH12 monoclonal antibody (M01A), clone 1B4

Catalog # H00001010-M01A

Size 200 uL

Applications



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CDH12.
Immunogen	CDH12 (NP_004052.2, 372 a.a. ~ 470 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	KISVLDVDEPPVFSKPLYTMEVYEDTPVGTIIGAVTAQDLVDGSSAVRYFIDWKS DGDSYFTIDGNE GTIATNELLDRESTAQYNFSIASKVSNPLLT
Host	Mouse
Reactivity	Human
Isotype	IgM Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CDH12

Entrez GeneID [1010](#)

GeneBank Accession# [NM_004061](#)

Protein Accession# [NP_004052.2](#)

Gene Name CDH12

Gene Alias CDHB, FLJ34857

Gene Description cadherin 12, type 2 (N-cadherin 2)

Omim ID [600562](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a type II classical cadherin from the cadherin superfamily of integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. This particular cadherin appears to be expressed specifically in the brain and its temporal pattern of expression would be consistent with a role during a critical period of neuronal development, perhaps specifically during synaptogenesis. [provided by RefSeq]

Other Designations Br-cadherin|N-cadherin 2|OTTHUMP00000115709|brain-cadherin|cadherin 12, type 2|cadherin, neuronal type, 2|cadherin-12|neuronal cadherin 2

Disease

- [Adenocarcinoma](#)
- [Bipolar Disorder](#)
- [Esophageal Neoplasms](#)
- [Psychiatric Status Rating Scales](#)

- [Psychotic Disorders](#)
- [Tobacco Use Disorder](#)