

Datasheet

CDH18 monoclonal antibody (M01), clone 6F7

Catalog Number: H00001016-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant CDH18.

Clone Name: 6F7

Immunogen: CDH18 (NP_004925, 467 a.a. ~ 576 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

DLLSHVTVGIRVLDVNDNPPELAREYDIIVCENSKPGQ
VIHTISATDKDDFANGPRFNFFLDERLPVNPNTLKD
EDNTASILTRRRRFSRTVQDVYYLPIMISDGGIP

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA, WB-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1016

Gene Symbol: CDH18

Gene Alias: CDH14, CDH14L, CDH24, EY-CADHERIN

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 is expressed specifically in the central nervous system and is putatively involved in synaptic adhesion, axon outgrowth and guidance. [provided by RefSeq]