

Pan-Cadherin monoclonal antibody, clone CH-19

Catalog # MAB1477

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against partial synthetic peptide of chicken cadherin.
Immunogen	A synthetic peptides (conjugated with KLH) corresponding to C-terminus of chicken N-Cadherin with an extra N-terminus lysine residue (24 amino acids).
Host	Mouse
Reactivity	Chicken, Human, Mouse, Rabbit, Rat, Snake
Form	Lyophilized
Isotype	IgG1
Recommend Usage	Immunohistochemistry (2-4 ug/mL) Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from ascites fluid, 1.2% sodium acetate, 2 mg BSA, 0.01 mg sodium azide
Storage Instruction	Store at -20°C. After reconstitution with 1 mL of 1.2% sodium acetate or neutral PBS and concentration will be 100 ug/mL, store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Gene Info — CDH2

Entrez GeneID	414745
Protein Accession#	P12830;P09803;Q9R0T4;P19022;P15116;Q9Z1Y3;P22223;P10287;F1LM3
Gene Name	CDH2
Gene Alias	-
Gene Description	cadherin 2, type 1, N-cadherin (neuronal)
Gene Ontology	Hyperlink
Gene Summary	type 1
Other Designations	-

Gene Info — CDH3

Entrez GeneID	414845
Protein Accession#	P12830;P09803;Q9R0T4;P19022;P15116;Q9Z1Y3;P22223;P10287;F1LM3
Gene Name	CDH3
Gene Alias	K-CAM
Gene Description	cadherin 3, type 1, P-cadherin (placental)
Gene Ontology	Hyperlink
Gene Summary	type 1
Other Designations	B-cadherin

Gene Info — CDH1

Entrez GeneID	415860
Protein Accession#	P12830;P09803;Q9R0T4;P19022;P15116;Q9Z1Y3;P22223;P10287;F1LM3
Gene Name	CDH1
Gene Alias	-

Gene Description	cadherin 1, type 1, E-cadherin (epithelial)
Gene Ontology	Hyperlink
Gene Summary	type 1
Other Designations	liver cell adhesion protein

Publication Reference

- [Cadherin regulates dendritic spine morphogenesis.](#)

Togashi H, Abe K, Mizoguchi A, Takaoka K, Chisaka O, Takeichi M.
Neuron 2002 Jul; 35(1):77.

- [Mapping of a cadherin gene cluster to a region of chromosome 5 subject to frequent allelic loss in carcinoma.](#)

Chalmers IJ, Hofer H, Atkinson MJ.
Genomics 1999 Apr; 57(1):160.