

CTNNA1 monoclonal antibody, clone 1G5

Catalog # MAB14744 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human CTNNA1.
Immunogen	Recombinant protein corresponding to full length human CTNNA1.
Host	Mouse
Theoretical MW (kDa)	102
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (0.5-1 ug/10 ⁶ cells) Immunofluorescence (1-2 ug/mL) Western Blotting (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.
Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunofluorescence
- Flow Cytometry

Gene Info — CTNNA1

Entrez GeneID	1495
Protein Accession#	P35221
Gene Name	CTNNA1
Gene Alias	CAP102, FLJ36832
Gene Description	catenin (cadherin-associated protein), alpha 1, 102kDa
Omim ID	116805
Gene Ontology	Hyperlink
Gene Summary	alpha 1
Other Designations	alpha-E-catenin alpha-catenin alphaE-catenin cadherin-associated protein,102kDa catenin (cadherin-associated protein), alpha 1 (102kD) catenin, alpha 1

Publication Reference

- [Mechanism of extracellular domain-deleted dominant negative cadherins.](#)

Nieman MT, Kim JB, Johnson KR, Wheelock MJ.

Journal of Cell Science 1999 May; 112 (Pt 10):1621.

Application: WB-Tr, Human, A-431 cells

- [P- and E-cadherin are in separate complexes in cells expressing both cadherins.](#)

Johnson KR, Lewis JE, Li D, Wahl J, Soler AP, Knudsen KA, Wheelock MJ.

Experimental Cell Research 1993 Aug; 207(2):252.

Pathway

- [Adherens junction](#)
- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Endometrial cancer](#)
- [Leukocyte transendothelial migration](#)
- [Pathways in cancer](#)

- [Tight junction](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)