

Catenin-Gamma Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0262
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human Catenin- γ expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Junction plakoglobin
Synonyms	JUP; CTNNG; DP3; Junction plakoglobin; Catenin gamma; Desmoplakin III; Desmoplakin-3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a major cytoplasmic protein which is the only known constituent common to submembranous plaques of both desmosomes and intermediate junctions. This protein forms distinct complexes with cadherins and desmosomal cadherins and is a member of the catenin family since it contains a distinct repeating amino acid motif called the armadillo repeat. Mutation in this gene has been associated with Naxos disease. Alternative splicing occurs in this gene| however, not all transcripts have been fully described.

Recommended Dilution

ELISA: 1:10000

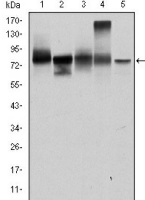
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

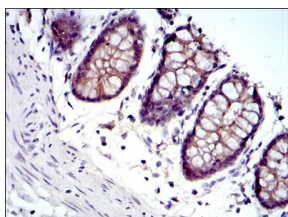
WB: 1:500 - 1:2000

Not yet tested in other applications.

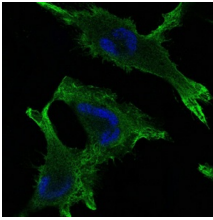
Images



Western Blot analysis using Catenin-Gamma Monoclonal antibody against T47D (1) MCF-7 (2) SKBR-3 (3) A431 (4) and HEK293 (5) cell lysate



Immunohistochemistry analysis of paraffin-embedded rectum tissues with DAB staining using Catenin-Gamma Monoclonal antibody.



Immunofluorescence analysis of U251 cells using Catenin-Gamma Monoclonal antibody (green).
Blue: DRAQ5 fluorescent DNA dye.

Storage

-20°C for one year

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