

Mouse anti-Human Catenin, gamma Antibody | anti-JUP antibody

Catenin, gamma (Cardiomyocyte Marker)

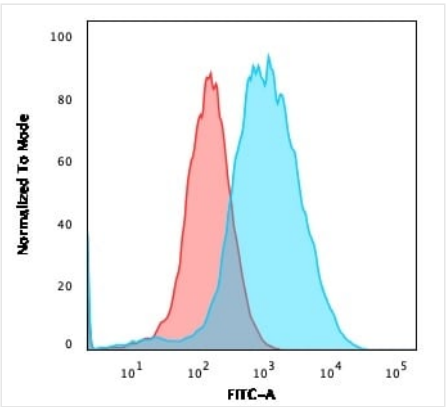
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215048	Mouse	Human	Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay, ELISA

PRODUCT SYNONYMS

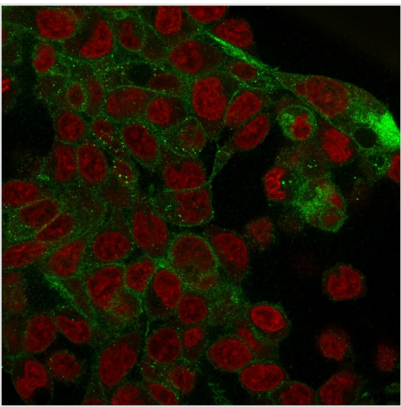
Catenin; gamma; gamma (Cardiomyocyte Marker); ARVD12; Catenin (cadherin-associated protein); gamma 80kDa; Catenin gamma; CTNNG; Desmoplakin III; Desmoplakin-3; DP3; DP111; Junction Plakoglobin; PDGB; PKGB; anti-JUP antibody

PRODUCT SPECIFICATIONS

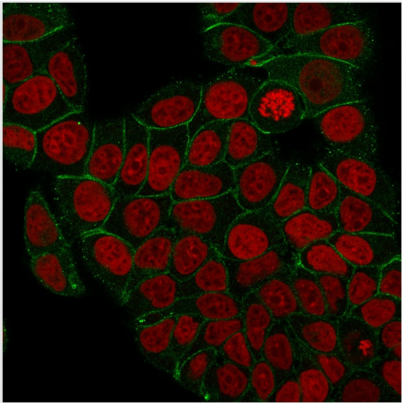
Host	Mouse
Reactivity	Human
Isotype	IgG1, kappa
Clone Number	rCTNG/1664
Specificity	It recognizes a protein of 80-87kDa, identified as gamma-catenin. The catenins (-T-catenin, is located on chromosome 10, and mutations in this gene show a strong correlation to late-onset Alzheimer's disease (LOAD) as well as to dilated cardiomyopathy.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	745
Applicable Applications for anti-JUP antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), ELISA
Positive Control	A431, T47D or MCF-7 cells. Skin.
Immunogen	Recombinant human gamma catenin protein
Cellular Localization	Cell Surface and Cytoplasmic
Hu-chromosome Location	17q21
Antibody Type	Recombinant Mouse Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.



FCM/FACS (Flow Cytometry)
Flow Cytometric Analysis of PFA-fixed MCF-7 cells using Catenin, gamma Mouse Monoclonal Antibody (rCTNG/1664) followed by goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



IF (Immunofluorescence)
Immunofluorescence staining of PFA-fixed HepG2 cells with Catenin, gamma Mouse Monoclonal Antibody (rCTNG/1664) followed by goat anti-Mouse IgG-CF488 (Green). Nuclei are labeled with Reddot (Red).



IF (Immunofluorescence)
Immunofluorescence staining of PFA-fixed MCF-7 cells with Catenin, gamma Mouse Monoclonal Antibody (rCTNG/1664) followed by goat anti-Mouse IgG-CF488 (Green). Nuclei are labeled with Reddot (Red).

ADDITIONAL INFORMATION

References	Janssens, B., et al. 2001. T-Catenin: a novel tissue-specific -cateninbinding protein mediating strong cell-cell adhesion. J. Cell Sci. 114:3177-3188
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504811
NCBI GeneID	3728
NCBI Accession #	NP_002221.1
NCBI GenBank Nucleotide #	NP_002221.1
UniProt Accession #	P14923
Molecular Weight	80-87kDa
NCBI Official Full Name	junction plakoglobin
NCBI Official Synonym Full Names	junction plakoglobin
NCBI Official Symbol	JUP
NCBI Official Synonym Symbols	DP3; PDGB; PKGB; CTNNG; DPIII

NCBI Protein Information	junction plakoglobin
UniProt Protein Name	Junction plakoglobin
UniProt Gene Name	JUP
UniProt Synonym Gene Names	CTNNG; DP3
UniProt Entry Name	PLAK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-jup-human-antibody/catenin-gamma/215048>