

# γ-Catenin?Conjugated Antibody

Catalog No: #C21645



Package Size: #C21645-AF350 100ul #C21645-AF405 100ul #C21645-AF488 100ul

#C21645-AF555 100ul #C21645-AF594 100ul #C21645-AF647 100ul

#C21645-AF680 100ul #C21645-AF750 100ul #C21645-Biotin 100ul

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## Description

Product Name	γ-Catenin?Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total γ-Catenin protein.
Immunogen Description	Peptide sequence around aa.726~730(I-D-T-Y-S) derived from Human γ-Catenin
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DP3 ;PDGB; PKGB;CTNNG;ARVD12
Accession No.	Swiss-Prot#:P14923NCBI Gene ID:3728NCBI mRNA#:NM_002230.2 NCBI Protein#:NP_002221.1
Uniprot	P14923
GeneID	3728;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	83
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

### Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.

## Background

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Common junctional plaque protein. The membrane-associated plaques are architectural elements in an important strategic position to influence the arrangement and function of both the cytoskeleton and the cells within the tissue. The presence of plakoglobin in both the desmosomes and in the intermediate junctions suggests that it plays a central role in the structure and function of submembranous plaques. Acts as a substrate for VE-PTP and is required by it to stimulate VE-cadherin function in endothelial cells. Can replace beta-catenin in E-cadherin/catenin adhesion complexes which are proposed to couple cadherins to the actin cytoskeleton

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**Note:** This product is for in vitro research use only