

RecomAb™

JUP recombinant monoclonal antibody, clone CTNG/2155R

Catalog # RAB00565 Size 100 ug

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against full length human JUP.
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Antibody Species	Rabbit
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Immunogen	Recombinant protein corresponding to full-length human JUP.
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Reactivity	Bovine, Cat, Chicken, Dog, Human, Mouse, Rat
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Form	Liquid
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Purification	Protein A/G purification
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Isotype	IgG
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Recommend Usage	ELISA (For coating) Flow Cytometry (0.5-1 ug/million cells) Immunofluorescence (1-2 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
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Storage Buffer	In 1 mg/mL PBS
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Storage Instruction	Store at -20 to -80°C.
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Applications

- Western Blot
- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Gene Info — JUP

Entrez GeneID	3728
Protein Accession#	P14923
Gene Name	JUP
Gene Alias	ARVD12, CTNNG, DP3, DPIII, PDGB, PKGB
Gene Description	junction plakoglobin
Omim ID	173325 601214
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	OTTHUMP00000164735 catenin (cadherin-associated protein), gamma (80kD) catenin (cadherin-associated protein), gamma 80kDa gamma-catenin

Pathway

- [Acute myeloid leukemia](#)
- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Pathways in cancer](#)

Disease

- [Arrhythmias](#)
- [Arrhythmogenic Right Ventricular Dysplasia](#)
- [Genetic Predisposition to Disease](#)