

RecomAb™

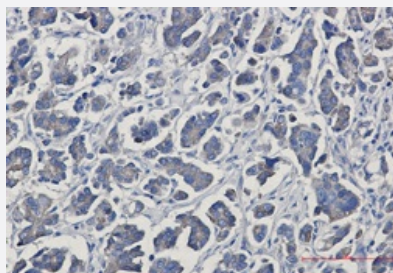
JUP recombinant monoclonal antibody, clone R05-0C2

Catalog # RAB01447 Size 100 uL

Applications

Western Blot

Western blot analysis of gamma Catenin in Hela, A549 lysates using gamma Catenin antibody.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded Human Cholangiocarcinoma using gamma Catenin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human JUP.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human JUP.
Theoretical MW (kDa)	Calculated MW: 82 kD
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry Immunofluorescence Immunohistochemistry (Frozen sections) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50mM Tris-Glycine, pH 7.4, (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

- Immunofluorescence

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	<p>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]</p>
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](#)