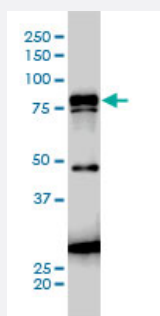


JUP monoclonal antibody (M01A), clone 2G9

Catalog # H00003728-M01A

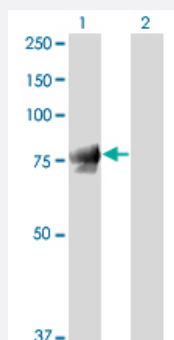
Size 200 uL

Applications



Western Blot (Cell lysate)

JUP monoclonal antibody (M01A), clone 1D5 Western Blot analysis of JUP expression in A-431 (Cat # L015V1).

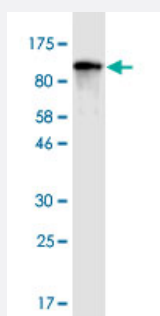


Western Blot (Transfected lysate)

Western Blot analysis of JUP expression in transfected 293T cell line by JUP monoclonal antibody (M01A), clone 2G9.

Lane 1: JUP transfected lysate(81.7 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (107.69 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant JUP.

Immunogen	JUP (AAH11865.1, 1 a.a. ~ 745 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEVMNLMEQPIKVTEWQQTYTDSGIHSGANTCVPSVSSKGIMEEDEACGRQYTLKKTTTYTQGV PPSQGDLEYQMSTTARAKRVREAMCPGVSGEDSSLLLATQVEGQATNLQRLAEPQQLKSAMH LINYQDDAELATRALPELTKLLNDEDPVVVTKAAMMVNQLSKKEASRRALMGSPQLVAAVVRTMQ NTSDLDTARCTTSILHNLSHHREGLLAIFKSGGIPALVRMLSPVESVLFYAITTLHNLLLYQEGAKM AVRLADGLQKMVPLLNNKNNPKFLAITTDCLQLLAYGNQESKLILANGGPQALVQIMRNYSYEKLLW TTSRVLKVLVSVCPNKPAMEAGGMQALGKHLTSNSPRLVQNCLWTLRNLSDVATKQEGLESVL KILVNQLSVDDVNVLTCAATGTLNLTNNKNTLVQNSGVEALIHAILRAGDKDDITEPAVCALR HLTSRHPAEMAQNSVRLNYGIPAVKLLNQPNQWPLVKATIGLIRNLALCPANHAPLQEAIVPRL VQLLVKAHQDAQRHVAAGTQQPYTDGVRMEEIVEGCTGALHILARDPMNRMEIFRLNTIPLFVQPL YSSVENIQRVAAGALCELAQDKEAADAIDAEGASAPLMELLHSRNEGATYAAAVLFRISEDKNP DYRKRVSVELTNSLFKHDPAAWEAAQSMIPINEPYGDDLDATYRPMYSSDVPLDPLEMHMDMDG DYPIDTYS DGLRPPYPTADHMLA
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (107.69 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

JUP monoclonal antibody (M01A), clone 1D5 Western Blot analysis of JUP expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of JUP expression in transfected 293T cell line by JUP monoclonal antibody (M01A), clone 2G9.

Lane 1: JUP transfected lysate(81.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — JUP

Entrez GeneID	3728
GeneBank Accession#	BC011865
Protein Accession#	AAH11865.1
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](#)