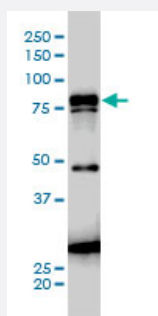


JUP monoclonal antibody (M01), clone 2G9

Catalog # H00003728-M01

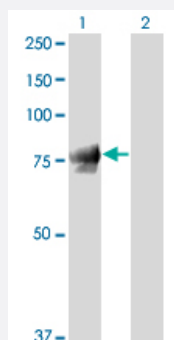
Size 100 ug

Applications



Western Blot (Cell lysate)

JUP monoclonal antibody (M01), clone 2G9 Western Blot analysis of JUP expression in A-431 (Cat # L015V1).

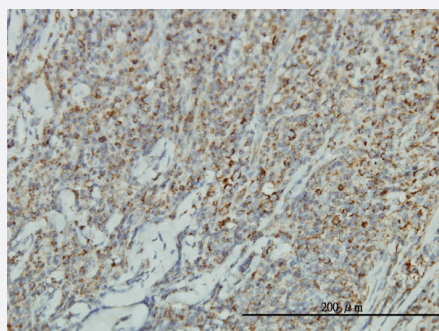


Western Blot (Transfected lysate)

Western Blot analysis of JUP expression in transfected 293T cell line by JUP monoclonal antibody (M01), clone 2G9.

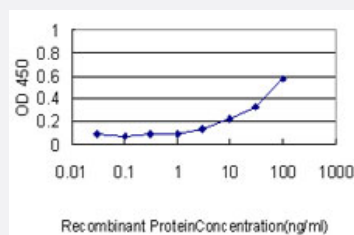
Lane 1: JUP transfected lysate(81.7 KDa).

Lane 2: Non-transfected lysate.



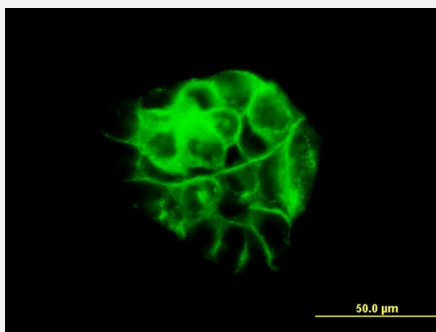
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to JUP on formalin-fixed paraffin-embedded human lymphoma tissue. [antibody concentration 3 ug/ml]



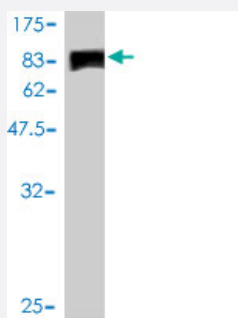
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged JUP is approximately 1ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to JUP on A-431 cell. [antibody concentration 10 ug/ml]



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	MEVMNLMEQPIKVTETWQQTYTDSGIHSGANTCVPSVSSKGIMEEDEACGRQYTLKKTITTYTQGV PPSQGDLEYQMSTTARAKRVREAMCPGVSGEDSSLLLATQVEGQATNLQRLAEPSSQLLSAMH LINYQDDAELATRALPELTKLLNDEDPVVVTKAAMVNVQLSKKEASRRALMGSPQLVAAVVRTMQ NTSDLDTARCTTSILHNLSHHREGLLAIFKSGGIPALVRMLSSPVESVLFYAITLHNLLEYQEGAKM AVRLADGLQKMVPLLNNKNNPKFLAITTDCLQLLAYGNQESKLILANGGPQALVQIMRNYSYEKLLW TTSRVLKVLSVCPSNKPAVEAGGMQALGKHLTSNSPRLVQNCLWTLRNLSDVATKQEGLESVL KILVNQLSVDDVNVLTGATGTLNLTNNKNTLVQNSGVEALIHAILRAGDKDDITEPAVCALR HLTSRHPEAEMAQNSVRLNYGIPAVKLLNQPNQWPLVKATIGLIRNLALCPANHAPLQEAIVIPRL VQLLVKAHQDAQRHVAAGTQQPYTDGVRMEEIVEGCTGALHILARDPMNRMEIFRLNTIPLFVQPL YSSVENIQRVAAGALCELAQDKEAADAIDAEGASAPLMELLHSRNEGATYAAAVLFRISEDKNP DYRKRVSVELTNSLFKHDPAAWEAAQSMIPINEPYGDDLDATYRPMYSSDVPLDPLEMHMDMDG DYPIDTYSGLRPPYPTADHMLA
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 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

JUP monoclonal antibody (M01), clone 2G9 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 (M01), clone 2G9.

Lane 1: JUP transfected lysate(81.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to JUP on formalin-fixed paraffin-embedded human lymphoma tissue. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged JUP is approximately 1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to JUP on A-431 cell. [antibody concentration 10 ug/ml]

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

Publication Reference

- [Bioengineered skin constructs based on mesenchymal stromal cells and acellular dermal matrix exposed to inflammatory microenvironment releasing growth factors involved in skin repair.](#)

Luz Correa-Araujo, Leonardo Prieto-Abello, Adriana Lara-Bertrand, Martha Medina-Solano, Linda Guerrero, Bernardo Camacho, Ingrid Silva-Cote.

Stem Cell Research & Therapy 2023 Oct; 14(1):306.

Application: ICC, Human, hWJ-MSCs

Pathway

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

Disease

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