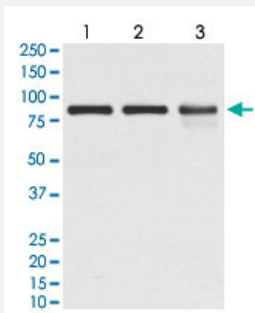


JUP monoclonal antibody, clone AOBD-10

Catalog # MAB19645 Size 100 uL

Applications



Western Blot

Western Blot analysis of (1) A431, (2) NIH 3T3, and (3) C6 cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human JUP.
Immunogen	A synthetic peptide corresponding to human JUP.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:50) Immunocytochemistry (1:50-200) Immunofluorescence (1:50-200) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200) Western Blot (1:500-2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction

Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. 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

Western Blot analysis of (1) A431, (2) NIH 3T3, and (3) C6 cell lysate.

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

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

Gene Info — JUP

Entrez GeneID[3728](#)**Protein Accession#**[P14923](#)**Gene Name**

JUP

Gene Alias

ARVD12, CTNNG, DP3, DP111, 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](#)