

Mouse Monoclonal Antibody to JUP

Catalogue Number sAP-0620

Target Molecule **Name:** JUP

Aliases: DP3; PDGB; PKGB; CTNNG; DPIII; ARVD12

MW: 82kDa

Entrez Gene ID: 3728

Description 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.

Immunogen Purified recombinant fragment of human JUP expressed in E. Coli. ;

Reactive Species Human

Clone MM4C12;

Size and Concentration 100µg/1mg/ml

Supplied as Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.

Reconstitution/Storages Reconstituted with 100µl sterile DI H₂O, at stored at 4°C or -20°C for short or long term storage

Applications ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000

Shipping Regular FEDEX overnight shipment (ambient temperature)

Reference 1. Cell. 2009 Jul 23;138(2):389-403. ; 2. Cancer Res. 2009 Jul 15;69(14):5734-42.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**