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36-2631: Anti-Catenin, gamma (Cardiomyocyte Marker) Monoclonal Antibody(Clone: CTNG/1483)

Clonality: Monoclonal Clone Name: CTNG/1483

Application: IHC
Reactivity: Human
Gene: JUP
Gene ID: 3728
Uniprot ID: P14923

ARVD12; Catenin (cadherin-associated protein), gamma 80kDa; Catenin gamma; CTNNG;

Desmoplakin III; Desmoplakin-3; DP3; DPIII; Junction Plakoglobin; PDGB; PKGB

Isotype: Mouse IgG1, kappa

Immunogen Information: Recombinant human gamma catenin protein

Description

It recognizes a protein of 80-87kDa, identified as gamma-catenin. The catenins (-T-catenin, is located on chromosome 10, and mutations in this gene show a strong correlation to late-onset Alzheimer's disease (LOAD) as well as to dilated cardiomyopathy.

Product Info

Amount : $20 \mu g / 100 \mu g$

Content: 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage condition : Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (0.1-0.2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM (Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes); with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

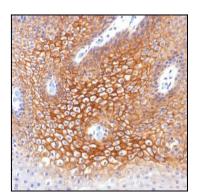


Fig. 1: Formalin-fixed, paraffin-embedded human Cervical Carcinoma stained with Catenin, gamma Monoclonal Antibody (CTNG/1483)



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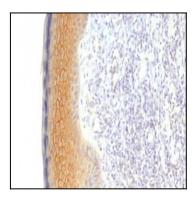


Fig. 2: Formalin-fixed, paraffin-embedded human Skin stained with Catenin, gamma Monoclonal Antibody (CTNG/1483)