

Product datasheet for AM09127SU-N

OriGene Technologies, Inc.

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Desmoplakin (DSP) (2115-2132) Mouse Monoclonal Antibody [Clone ID: DP447]

Product data:

Product Type: Primary Antibodies

Clone Name: DP447

Applications: IF, IHC, WB

Recommended Dilution: Immunoblotting

Immunofluorescence

Immunohistochemistry on frozen and Paraffin sections: Ready-to-use, with Paraffin use the

microwave retrieval method.

Reactivity: Bovine, Chicken, Fish, Human, Mouse, Xenopus, Zebrafish

Host: Mouse Isotype: IgG1

Clonality: Monoclonal

Immunogen: Synthetic peptide of human desmoplakin 2 (aa 2115-2132)

Specificity: The antibody shows distinct punctate membrane staining of different epithelia. Area

compositae of the myocardium of higher vertebrates are also positive. The epitope is located

in a region highly conserved among species (human, zebrafish).

Reacts on several cultured cell lines: Human MCF-7, A-431, HaCaT, CaCo2; Bovine MDBK,

BMGE; Rainbow trout RTG-2.

Polypeptides reacting: Desmoplakin 1 and 2

Formulation: State: Supernatant

State: Liquid culture supernatant containing 0.09% sodium azide

Conjugation: Unconjugated

Storage: Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

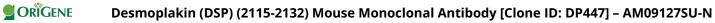
Gene Name: desmoplakin

Database Link: Entrez Gene 1832 Human

P15924

Synonyms: DP, DSP, 250/210 kDa paraneoplastic pemphigus antigen





Protein Families: Druggable Genome

Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC)