

Product datasheet for **AM09127SU-N**

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



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Protein Families: Druggable Genome

Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC)