

# Desmoplakin Rabbit mAb

Catalog # AP78211

## Product Information

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<b>Application</b>	WB, FC, ICC
<b>Primary Accession</b>	<a href="#">P15924</a>
<b>Reactivity</b>	Human, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	331774

## Additional Information

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<b>Gene ID</b>	1832
<b>Other Names</b>	DSP
<b>Dilution</b>	WB~~1/500-1/1000 FC~~1:10~50 ICC~~N/A
<b>Format</b>	10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

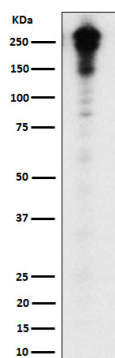
## Protein Information

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<b>Name</b>	DSP
<b>Function</b>	Major high molecular weight protein of desmosomes. Regulates profibrotic gene expression in cardiomyocytes via activation of the MAPK14/p38 MAPK signaling cascade and increase in TGFB1 protein abundance (By similarity).
<b>Cellular Location</b>	Cell junction, desmosome. Cell membrane {ECO:0000250 UniProtKB:E9Q557}. Cytoplasm. Note=Localizes to desmosome precursor particles in the cytoplasm (PubMed:25208567). Localizes to the cytoplasm in undifferentiated keratinocytes however becomes localizes to both lateral and tricellular cell-cell contacts as differentiation progresses and as epithelial sheet formation completes (By similarity) {ECO:0000250 UniProtKB:E9Q557, ECO:0000269 PubMed:25208567}
<b>Tissue Location</b>	Expressed in oral mucosa (at protein level) (PubMed:30479852). Expressed in arrector pili muscle (at protein level) (PubMed:29034528). Expressed in the heart in the heart (at protein level) (PubMed:18662195). [Isoform DPII]: Resides predominantly in tissues and cells of stratified origin

## Images

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