



# DSG3 Rabbit mAb

<b>Catalog No</b>	YP-rAb-17764
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB,IHC,IF,ELISA
<b>Gene Name</b>	DSG3 CDHF6
<b>Protein Name</b>	Desmoglein-3 (130 kDa pemphigus vulgaris antigen) (PVA) (Cadherin family member 6)
<b>Purification Process</b>	Protein A
<b>Specificity</b>	Endogenous
<b>Formulation</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source</b>	Monoclonal, Rabbit,IgG
<b>Dilution</b>	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
<b>Concentration</b>	0.5 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-15° C to -25° C/1 year(Do not lower than -25° C)
<b>Synonyms</b>	
<b>Observed Band</b>	130kD
<b>Calculated Molecular Weight</b>	108kD
<b>Cell Pathway</b>	Cell membrane ; Single-pass type I membrane protein . Cell junction, desmosome .
<b>Tissue Specificity</b>	Epidermis, tongue, tonsil, esophagus and carcinomas. Expressed in skin and mucosa (at protein level) (PubMed:30528827).
<b>Function</b>	Disease:Pemphigus vulgaris (PV) is a potentially lethal skin disease in which epidermal blisters occur as the result of the loss of cell-cell adhesion caused by the action of autoantibodies against desmoglein 3.,Domain:Calcium may be bound by the cadherin-like repeats .,Function:Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.,similarity:Contains 4 cadherin domains.,tissue specificity:Epidermis, tongue, tonsil, esophagus and carcinomas.,
<b>Background</b>	This gene encodes a member of the desmoglein family and cadherin cell adhesion molecule superfamily of proteins. Desmogleins are calcium-binding transmembrane glycoprotein components of desmosomes, cell-cell junctions between epithelial, myocardial, and other cell types. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This gene is

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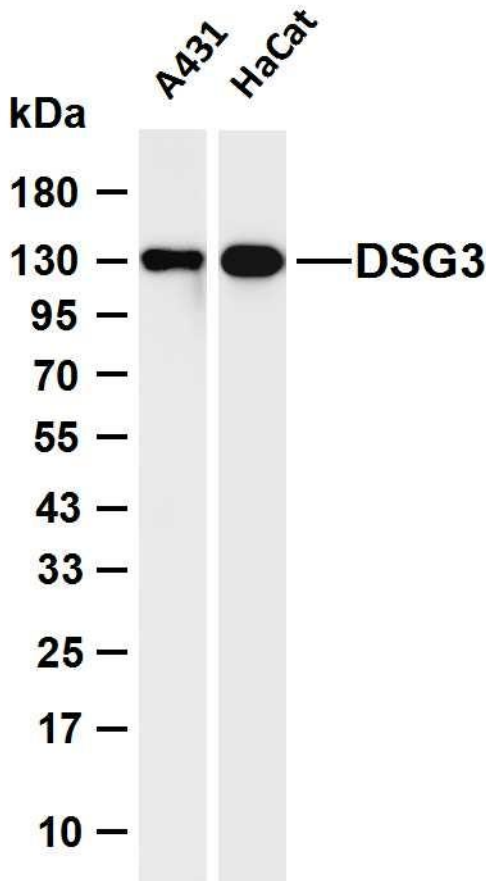
present in a gene cluster with other desmoglein gene family members on chromosome 18. The encoded protein has been identified as the autoantigen of the autoimmune blistering disease pemphigus vulgaris. [provided by RefSeq, Jan 2016],

**matters needing attention**

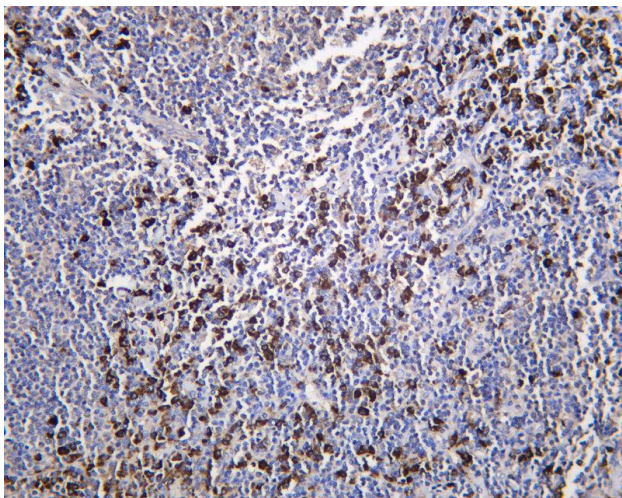
Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-DSG3 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: A431 Lane 2: HaCat Predicted band size: 108kDa Observed band size: 130kDa



Human tonsil was stained with anti-DSG3 Rabbit antibody

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