



DSG3 Monoclonal Antibody

Catalog No	YP-mAb-05514
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	DSG3 CDHF6
Protein Name	Desmoglein-3 (130 kDa pemphigus vulgaris antigen) (PVA) (Cadherin family member 6)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	DSG3 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	109kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein . Cell junction, desmosome .
Tissue Specificity	Epidermis, tongue, tonsil, esophagus and carcinomas. Expressed in skin and mucosa (at protein level) (PubMed:30528827).
Function	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.,
Background	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 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.

Products Images