Recombinant Desmoglein-1 (DSG1) Antibody

Rabbit Monoclonal Antibody [Clone DSG1/8576R]

Catalog No	Format	Size
1828-RBM8-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1828-RBM8-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1828-RBM8-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

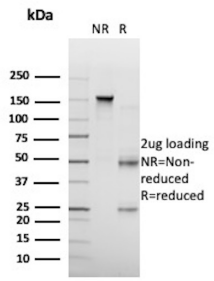
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

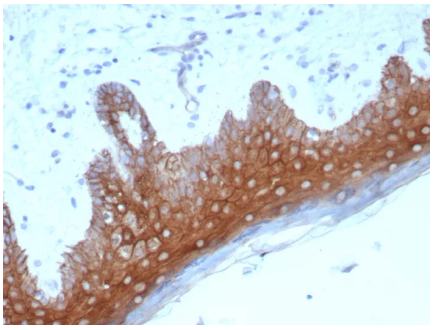
Clone	DSG1/8576R
Immunogen	Recombinant full-length human Desmoglein-1 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	113.75kDa
Cellular Localization	Cell junction, Cell membrane, Cytoplasm, Desmosome, Nucleus
Species Reactivity	Human
Positive Control	Bladder|skin or melanoma.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Desmoglein-1 (DSG1) Antibody



SDS-PAGE Analysis of Purified Desmoglein-1 Recombinant Rabbit Monoclonal Antibody (DSG1/8576R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human skin stained with Desmoglein-1 Recombinant Rabbit Monoclonal Antibody (DSG1/8576R).

Specificity & Comments

Recognizes a protein of ~150kDa, identified as Desmoglein-1 (DSG1). Desmoglein-1 is a member of the desmosomal cadherin family.Â ?Desmosomes are intercellular adhering junctions that represent cell surface attachment sites for intermediate filament. Desmocollins and desmogleins are the main desmosomal transmembrane proteins. Desmogleins consist of Dsg1, Dsg2, Dsg3, and Dsg4 isoforms.Â ?Within the desmosome, the extracellular domain of desmoglein is essential for calcium dependent heterophilic binding to the desmocollins, whereas the intracellular domain is essential for binding to the desmosomal plaque protein, plakoglobin. Desmoglein 1 is synthesized exclusively in the suprabasal layers. Intact and functionally active desmoglein 1 is essential to epidermal integrity.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.