

Desmoglein 1 / DSG1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3002a**Specification**

Desmoglein 1 / DSG1 Antibody (internal region) - Product Information

Application	IHC, E
Primary Accession	Q02413
Other Accession	NP_001933.2 , 1828
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	113748

Desmoglein 1 / DSG1 Antibody (internal region) - Additional Information**Gene ID** 1828**Other Names**

Desmoglein-1, Cadherin family member 4, Desmosomal glycoprotein 1, DG1, DGI, Pemphigus foliaceus antigen, DSG1, CDHF4

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Desmoglein 1 / DSG1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

Desmoglein 1 / DSG1 Antibody (internal region) - Protein Information**Name** DSG1**Synonyms** CDHF4**Function**

Component of intercellular desmosome junctions (PubMed:34368962). Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion (PubMed:19717567).

Cellular Location

Cell membrane; Single-pass type I membrane protein {ECO:0000250|UniProtKB:Q7TSF1} Cell junction, desmosome. Cytoplasm. Nucleus

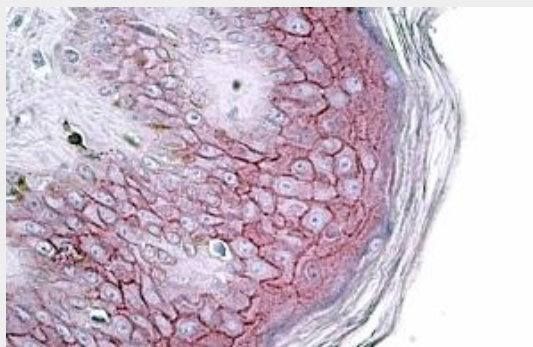
Tissue Location

Expressed in all suprabasal layers of the epidermis, with the highest expression seen in the granular layer (at protein level).

Desmoglein 1 / DSG1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Desmoglein 1 / DSG1 Antibody (internal region) - Images

AF3002a (3.8 µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Desmoglein 1 / DSG1 Antibody (internal region) - References

Structural analysis and expression of human desmoglein: a cadherin-like component of the desmosome Nilles L.A., Parry D.A., Powers E.E., Angst B.D., Wagner R.M., Green K.J J. Cell Sci. 1991 Aug 99 (Pt 4): 809-21 PMID: 1770008