

Anti-DSG1/Desmoglein 1 Rabbit Monoclonal Antibody
Catalog # ABO13292**Specification**

Anti-DSG1/Desmoglein 1 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IF, ICC
Primary Accession	Q02413
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-DSG1/Desmoglein 1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-DSG1/Desmoglein 1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 1828

Other Names

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

Calculated MW

113748 MW KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200

Subcellular Localization

Cell membrane ; Single-pass type I membrane protein. Cell junction, desmosome.

Tissue Specificity

Epidermis, tongue, tonsil and esophagus.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human DSG1

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated

freeze-thaw cycles.

Anti-DSG1/Desmoglein 1 Rabbit Monoclonal Antibody - 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

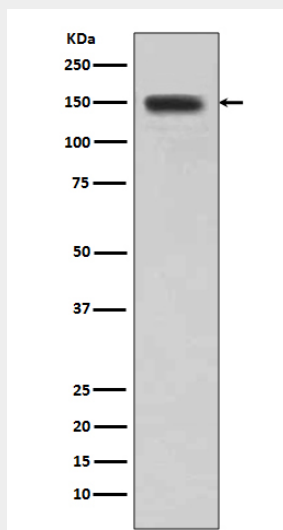
Expressed in all suprabasal layers of the epidermis, with the highest expression seen in the granular layer (at protein level).

Anti-DSG1/Desmoglein 1 Rabbit Monoclonal Antibody - Protocols

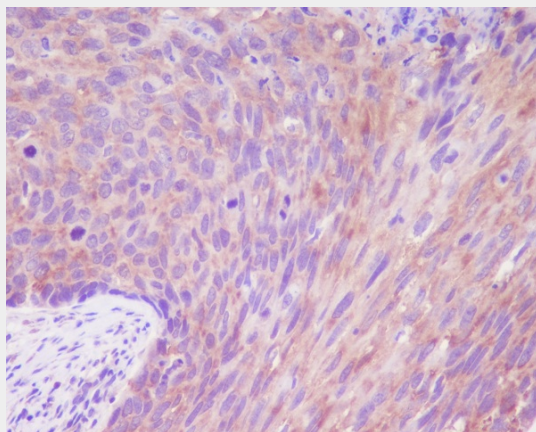
Provided below are standard protocols that you may find useful for product applications.

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

Anti-DSG1/Desmoglein 1 Rabbit Monoclonal Antibody - Images



Western blot analysis of DSG1 expression in human skin lysate.



Immunohistochemical analysis of paraffin-embedded human cervix cancer, using DSG1 Antibody.