

## DSG1 recombinant antibody

DSG1 Rabbit mAb

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                |
|-----------|--------|-------------------|-----------------------------------------------------------------------------|
| AAA314979 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

DSG1; Monoclonal Recombinant Antibody; DSG1 Rabbit mAb; Desmoglein-1; Desmosomal glycoprotein 1; DG1; DGI; Pemphigus foliaceus antigen; Cadherin family member 4; CDHF4; DSG1 recombinant antibody

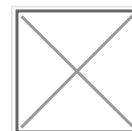
### PRODUCT SPECIFICATIONS

|                                                       |                                                                                                   |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                            |
| Reactivity                                            | Human, Mouse, Rat                                                                                 |
| Clonality                                             | Monoclonal                                                                                        |
| Isotype                                               | Rabbit IgG                                                                                        |
| Specificity                                           | DSG1 Antibody detects endogenous levels of total DSG1                                             |
| Purity/Purification                                   | Affinity-chromatography                                                                           |
| Form/Format                                           | Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |
| Applicable Applications for DSG1 recombinant antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                             | A synthesized peptide derived from human DSG1                                                     |
| Preparation and Storage                               | Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.        |

### IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemical analysis of paraffin-embedded human cervix cancer, using DSG1 Antibody.



**WB (Western Blot)**  
Western blot analysis of DSG1 expression in human skin lysate.

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                         |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for DSG1 recombinant antibody | Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion. |
| Product Categories/Family for DSG1 recombinant antibody   | <a href="#">Recombinant Rabbit Monoclonal</a>                                                                                                           |

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 119703744 |
| NCBI GeneID | 1828      |

|                                  |                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_001933.2</a>                                                                         |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001942.2</a>                                                                         |
| UniProt Accession #              | <a href="#">Q02413</a>                                                                              |
| Molecular Weight                 | 113,748 Da                                                                                          |
| NCBI Official Full Name          | desmoglein-1 preproprotein                                                                          |
| NCBI Official Synonym Full Names | desmoglein 1                                                                                        |
| NCBI Official Symbol             | DSG1                                                                                                |
| NCBI Official Synonym Symbols    | DG1; DSG; CDHF4; PPKS1; SPPK1                                                                       |
| NCBI Protein Information         | desmoglein-1; DGI; cadherin family member 4; desmosomal glycoprotein 1; pemphigus foliaceus antigen |
| UniProt Protein Name             | Desmoglein-1                                                                                        |
| UniProt Gene Name                | <b>DSG1</b>                                                                                         |
| UniProt Synonym Gene Names       | CDHF4; DG1; DGI                                                                                     |
| UniProt Entry Name               | DSG1_HUMAN                                                                                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dsg1-recombinant-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/314979>