

Product datasheet for **BP5000**

Desmoglein 2 (DSG2) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Western Blot: 1/3000 (ECL method). Immunohistochemistry on Cryostat Sections: 1/100 for 1h at RT. For better resolution on frozen sections preincubation (directly after fixation with -20°C methanol) with 0.05 - 0.5% Triton X- 100, for 5-10 min, depending on tissue type, is recommended (See Ref.3). Recommended Positive Control: CaCo-2, HaCaT. Reactivities on Cultured Cell Lines: Many, including CaCo-2, HaCaT, MCF-7.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Recombinant peptide (extracellular repeat domain E2 of Human Desmoglein 2)
Specificity:	Antibody recognizes desmoglein 2 present in all epithelia and in tumors derived therefrom as well as in heart muscle and dendritic reticulum cells of lymphatic follicles. In basal epithelial cells desmoglein 2 expression is generally very low.
Formulation:	State: Serum State: Liquid serum Preservative: 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	desmoglein 2
Database Link:	Entrez Gene 1829 Human Q14126



[View online »](#)

Background:

Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. Desmoglein 2 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all are members of the cadherin cell adhesion molecule superfamily. These desmoglein gene family members are located in a cluster on chromosome 18. This second family member is expressed in colon, colon carcinoma, and other simple and stratified epithelial-derived cell lines.

Synonyms:

DSG2, CDHF5, HDGC