

**Product:** Anti-Desmoglein 2  
**Catalog #:** 03-610121  
**Amount:** 100 ml

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**CATEGORY:** Rabbit polyclonal (rb5)  
**FORM:** Serum containing 0.09% sodium azide  
**IMMUNOGEN:** Recombinant peptide (extracellular repeat domain E2 of human Desmoglein 2)

**DESCRIPTION/SPECIFICITY:** Antibody recognizes desmoglein 2 present in all epithelia and in tumors derived there from as in heart muscle and dendritic reticulum cells of lymphatic follicles. In basal epithelial cells desmoglein 2 expression is generally very low.

**APPLICATION:**  
- Western blot technique  
- Immunohistochemistry on cryostat sections  
- ELISA

**POLYPEPTIDE REACTING:** Desmoglein 2 (1069aa; calculated MW 116,760)  
**ANTIGEN RECOGNIZED IN SPECIES (tested so far):** Human  
**POSITIVE CONTROL (recommended):** CaCo-2, HaCaT  
**REACTIVITIES ON CULTURED CELL LINES:** Many, including CaCo-2, HaCaT, MCF-7  
**RECOMMENDATIONS:** For better resolution on frozen sections preincubation (directly after fixation) with 0.05-0.2% Triton X-100, for 5-10 min, depending on tissue type.

**WORKING DILUTION:** 1:20 for Immunohistochemistry  
1:600 for Western blotting (ECL)  
**INCUBATION TIME:** 1 hour at room temperature  
**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)

**REFERENCE:**  
Schafer, S. et al. (1996) Differentiation **60**: 99-108

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