

## Product datasheet for **TA308539**

### Desmoglein 2 (DSG2) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	ICC/IF:1:100-1:1000; IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 1 and 206 of Desmoglein 2 (Uniprot ID#Q14126)
Formulation:	1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	122 kDa
Gene Name:	desmoglein 2
Database Link:	<a href="#">NP_001934</a> <a href="#">Entrez Gene 1829 Human Q14126</a>
Background:	Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. This gene product 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. Mutations in this gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10. [provided by RefSeq]



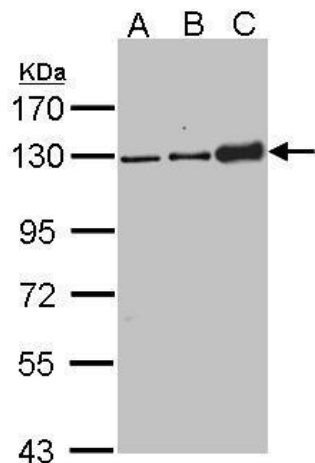
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**Synonyms:** CDHF5; HDGC

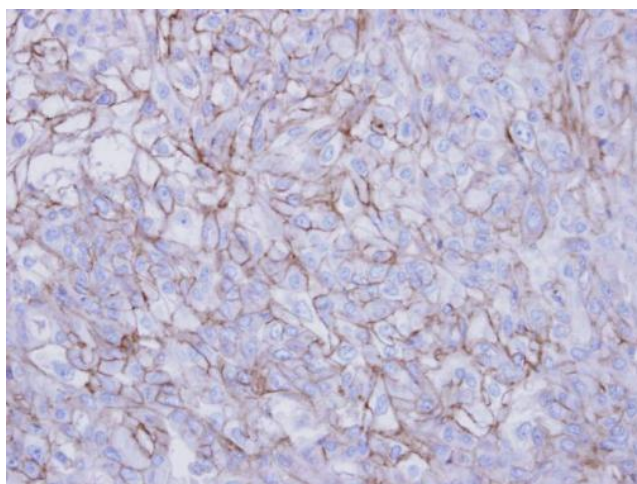
**Protein Families:** Transmembrane

**Protein Pathways:** Arrhythmogenic right ventricular cardiomyopathy (ARVC)

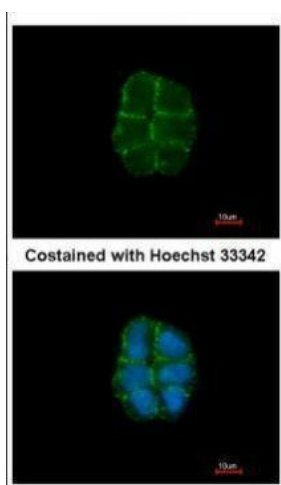
**Product images:**



Sample (30 ug of whole cell lysate). A: 293T. B: H1299. C: Molt-4. 7.5% SDS PAGE. TA308539 diluted at 1:1000.



Immunohistochemical analysis of paraffin-embedded DU145 xenograft, using Desmoglein-2 (TA308539) antibody at 1:100 dilution.



Immunofluorescence analysis of paraformaldehyde-fixed A431, using Desmoglein 2 (TA308539) antibody at 1:500 dilution.