

DSG2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14404b**Specification**

DSG2 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q14126](#)

DSG2 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 1829

Other Names

Desmoglein-2, Cadherin family member 5, HDGC, DSG2, CDHF5

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DSG2 Antibody (C-term) Blocking Peptide - Protein Information

Name DSG2

Synonyms CDHF5

Function

Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.

Cellular Location

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

Tissue Location

All of the tissues tested and carcinomas.

DSG2 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DSG2 Antibody (C-term) Blocking Peptide - Images**DSG2 Antibody (C-term) Blocking Peptide - 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.

DSG2 Antibody (C-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Fressart, V., et al. Europace 12(6):861-868(2010) Schlegel, N., et al. Am. J. Physiol. Gastrointest. Liver Physiol. 298 (5), G774-G783 (2010) :Cox, M.G., et al. Circ Arrhythm Electrophysiol 3(2):126-133(2010) Buxens, A., et al. Scand J Med Sci Sports (2010) In press :