

Rabbit anti-Human DSG2 Polyclonal Antibody | anti-DSG2 antibody

DSG2 Antibody (N-term T160)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285992	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

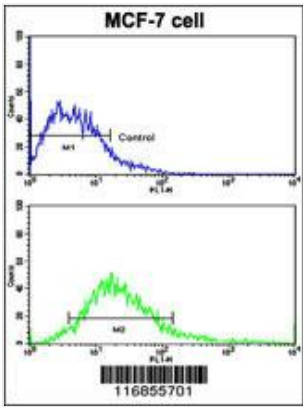
PRODUCT SYNONYMS

DSG2; Polyclonal Antibody; DSG2 Antibody (N-term T160); Desmoglein-2; Cadherin family member 5; HDGC; CDHF5; anti-DSG2 antibody

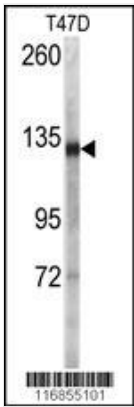
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DSG2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 145-216 amino acids from the N-terminal region of human DSG2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	145-216
Sequence Length	1118
Applicable Applications for anti-DSG2 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Recombinant Protein
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of MCF-7 cells using DSG2 Antibody (N-term T160) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of anti-DSG2 Antibody (N-term T160) (AAA285992) in T47D cell line lysates (35ug/lane). DSG2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DSG2 antibody	Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. This protein 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 the DSG2 gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10.
Product Categories/Family for anti-DSG2 antibody	Cancer; Cardiovascular; Signal transduction
References	Posch,M.G., Mol. Genet. Metab. 95 (1-2), 74-80 (2008) Yu,C.C., J. Formos. Med. Assoc. 107 (7), 548-558 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	116534898
NCBI GeneID	1829
NCBI Accession #	NP_001934.2
NCBI GenBank Nucleotide #	NM_001943.3
UniProt Accession #	Q14126; Q4KKU6
Molecular Weight	122294
NCBI Official Full Name	desmoglein-2 preproprotein
NCBI Official Synonym Full Names	desmoglein 2
NCBI Official Symbol	DSG2
NCBI Official Synonym Symbols	HDGC; CDHF5; ARVC10; ARVD10; CMD1BB
NCBI Protein Information	desmoglein-2
UniProt Protein Name	Desmoglein-2
UniProt Gene Name	DSG2
UniProt Synonym Gene Names	CDHF5

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/polyclonal/dsg2-antibody-flow-cytometry-western-blot-elisa/285992>