

Datasheet for ABIN392225

anti-Desmoglein 2 antibody (N-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	Desmoglein 2 (DSG2)
Binding Specificity:	AA 145-216, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Desmoglein 2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	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.
Clone:	RB16855
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	Desmoglein 2 (DSG2)
Alternative Name:	DSG2 (DSG2 Products)

Target Details

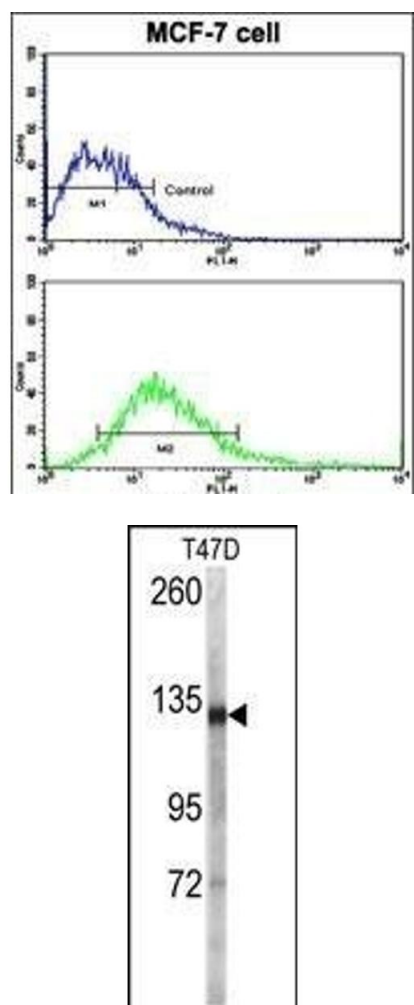
Background:	Desmosomes are cell-cell junctions between epithelial, myocardial, and certain other cell types. This protein is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Currently, three desmoglein subfamily members have been identified and all 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.
Molecular Weight:	122294
Gene ID:	1829
NCBI Accession:	NP_001934
UniProt:	Q14126
Pathways:	Cell-Cell Junction Organization

Application Details

Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. Flow cytometric analysis of MCF-7 cells using DSG2 Antibody (N-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of anti-DSG2 Antibody (N-term) ((ABIN392225 and ABIN2841920)) in T47D cell line lysates (35 µg/lane). DSG2 (arrow) was detected using the purified Pab.