

A4489

Leader in Biomolecular Solutions for Life Science



## Desmoglein 2 Rabbit mAb

Catalog No.: A4489

Recombinant

### Basic Information

#### Observed MW

160kDa

#### Calculated MW

122kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human

#### CloneNo number

ARC1064

### Background

This gene encodes a member of the desmoglein family and cadherin cell adhesion molecule superfamily of proteins. Desmogleins are calcium-binding transmembrane glycoprotein components of desmosomes, cell-cell junctions between epithelial, myocardial, and other cell types. The encoded preproprotein is proteolytically processed to generate the mature glycoprotein. This gene is present in a gene cluster with other desmoglein gene family members on chromosome 18. Mutations in this gene have been associated with arrhythmogenic right ventricular dysplasia, familial, 10.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

#### Gene ID

1829

#### Swiss Prot

Q14126

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1001-1118 of human Desmoglein 2 (Q14126).

#### Synonyms

HDGC; CDHF5; Desmoglein 2

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

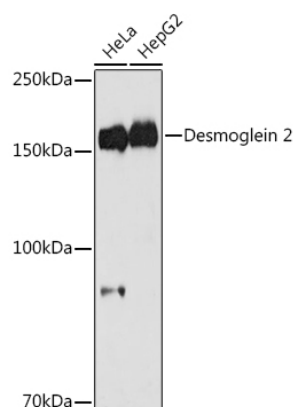
#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

## Validation Data

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Western blot analysis of extracts of various cell lines, using Desmoglein 2 antibody (A4489) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 90s.