

## Desmoglein 2 (AB3290) Rabbit mAb

M0920

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human

#### Applications

- WB, ELISA

#### MW

- 122 kDa (calculated)
- 160 kDa (observed)

#### Isotype

- IgG

### Recommended Dilution Ratios

#### Application

WB, ELISA

#### Dilution

WB, 1:500-1:1000 | ELISA, Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

### Storage

#### Storage Conditions

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

#### Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.02% sodium azide.

### Basic Information

**Clonality** Monoclonal

**Clone Number** AB3290

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

**Specificity** This antibody detects endogenous levels of Desmoglein 2 protein.

**Purification** Affinity purification Protein A

**Concentration** Product concentration may vary by batch. Please refer to the product COA for details.

### Target Information

**Gene name** DSG2

**Protein Name** Desmoglein 2

| Database Link | Organism | Swiss Prot. | Gene ID |
|---------------|----------|-------------|---------|
|               | Human    | Q14126      | 1829    |

#### 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 arrhythmic right ventricular dysplasia, familial, 10.