



Datasheet for ABIN6939251

## Recombinant anti-Desmocollin 2 antibody



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	Desmocollin 2 (DSC2)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Desmocollin 2 antibody is un-conjugated
Application:	ELISA, Coating (Coat)

#### Product Details

Immunogen:	Recombinant full-length human DSC2 protein
Clone:	RDSC2-3437
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

#### Target Details

Target:	Desmocollin 2 (DSC2)
Alternative Name:	DSC2 ( <a href="#">DSC2 Products</a> )
Background:	Desmosomes are intercellular adhering junctions that represent cell surface attachment sites for intermediate filament. The desmosome is subdivided into two regions. The plaque region

## Target Details

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lies adjacent to the plasma, and is believed to contain molecules that attach the intermediate filament cytoskeleton to the desmosome. The core region is composed of transmembrane glycoproteins that are thought to mediate cell-cell adhesion. Desmogleins and desmocollins are the main desmosomal transmembrane proteins. These desmosomal glycoproteins belong to the members of the cadherin family of adhesion molecules. Three different isoforms of both desmogleins and desmocollins have been identified, named as desmoglein 1-3 and desmocollins. Desmosomal cadherins showed differentiation-specific expression in the human epidermis, although the functional significance of this differential expression is not fully understood. Desmocollin-1 can be found in the upper layers. The expression of desmocollin-2 varies in the basal and suprabasal layers. And desmocollin-3 is expressed more evenly throughout the suprabasal layers.

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Molecular Weight: 110kDa (DSC2), 100kDa (DSC3)

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Gene ID: 1824

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UniProt: [Q02487](#)

## Application Details

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Application Notes: Positive Control: HeLa cells. Skin tissue.  
Known Application: ELISA (For coating, order Ab without BSA), Optimal dilution for a specific application should be determined.

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Restrictions: For Research Use only

## Handling

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Concentration: 200 µg/mL

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Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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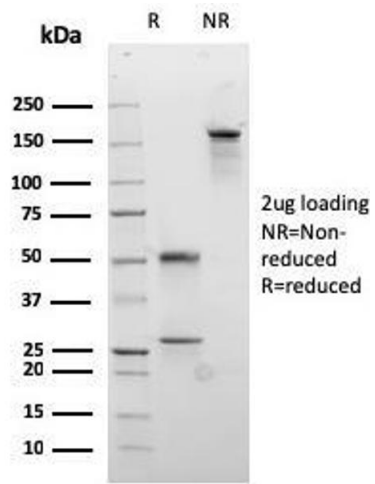
Storage: 4 °C, -80 °C

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Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

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Expiry Date: 24 months



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified Desmocollin-2/3 Recombinant Mouse Monoclonal Ab (rDSC2/3437). Confirmation of Purity and Integrity of Antibody.