

Mouse anti-Desmoglein-3

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Catalog Number: 326300

Store at 2 to 8°C (short-term), or -20°C (long-term)

Clonality: Monoclonal
Concentration: 0.5 mg/mL
Quantity: 100 µg
Volume: 200 µL

Host/Class: Mouse IgG₁
Reactivity: Human

Product Description

Desmosomes are intercellular adhering junctions that represent cell surface attachment sites for intermediate filament. The desmosome is subdivided into two regions. The plaque region 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. This antibody reacts with the ~140 kDa desmoglein-3 protein. This antibody does not cross react with desmoglein-1 or desmoglein-2 protein. During development reactivity was confirmed with human. Reactivity with other species has not been tested. Positive control: A431 cells.

Product Specifications

Immunogen: Human desmoglein-3 extracellular domain.
Apparent MW: ~140 kDa
Clone/PAD: 5G11
Lot: See product label

Product Applications

Application	Sample	Concentration
Immunoprecipitation (native)	Human	5–10 µg
Western Blotting (ECL)	Human	1–3 µg/mL
Immunostaining	Human	20–50 µg/mL
Immunohistochemistry (Paraffin)	Human	Working concentration needs to be empirically determined by the user.
Immunofluorescence	Human	

Storage and Handling

Store at 2 to 8°C for up to one month. Store at -20°C for long term storage. Avoid repeated freezing and thawing.

Stability

When stored as instructed, expires one year from date of receipt unless otherwise indicated on product label.

Storage Buffer

Phosphate buffered saline (PBS), pH 7.4, containing 0.1% sodium azide.

Caution: Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Properly dispose of solutions containing sodium azide.

Safety Data Sheets (SDS)

Safety Data Sheets (SDSs) are available at www.lifetechnologies.com/support.








Certificate of Analysis

The Certificate of Analysis provides detailed quality control and product qualification information for each product. Certificates of Analysis are available on our website. Go to www.lifetechnologies.com/support and search for the Certificate of Analysis by product lot number, which is printed on the box.

For research use only. Not for use in diagnostic procedures.

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Explanation of symbols

Symbol	Description	Symbol	Description	Symbol	Description
	Manufacturer		Catalog number		Batch code
	Use by		Temperature limitation		
	Consult instructions for use		Caution, consult accompanying documents		

Limited Use Label License: Research Use Only

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