

Product: Anti-Desmocollin 1
Catalog #: 03-61092
Amount: 200 µl

CATEGORY: Mouse monoclonal
CLONE DETERMINATION: Dsc1-U100
IMMUNOGLOBULIN CLASS: IgG1
IMMUNOGEN: Synthetic peptide corresponding to sequence present within the intracellular part of human desmocollin 1
FORM: Affinity purified, in PBS buffer containing , 0.5 % protein stabilizer, and 0.09% sodium azide
CLINICAL APPLICATION/SPECIFICITY: Mab localizes Dsc1 present in suprabasal layers of interfollicular epidermis, in specific cell layers (e.g. in hair follicle root sheath), in Hassall bodies (spheroidal formations of densely packed reticullum-derived cells in the thymus). All simple epithelia are negative.
REACTIVITIES ON CULTURED CELL LINES: Positive on primary keratinocytes, however, restricted to local piles of differentiated cells.
APPLICATION: Immunohistochemistry on frozen and paraffin embedded sections. Immunoblotting (Western, ECL)
INCUBATION TIME: 1 hour at room temperature for IHC
RECOMMENDATION: For better resolution on frozen sections preincubation (directly after fixation) with 0.05 - 0.2% Triton X100, for 5-10 min, depending on tissue type, is recommended (see Ref. 2)
POLYPEPTIDE REACTING: 111 kD (form "a") and 103 kD (form "b") polypeptides (desmocollin 1 splice forms, both at pl 5.2) from human epidermal desmosomes.
ANTIGEN RECOGNIZED IN SPECIES (tested so far): Specific for human desmocollin 1, negative with bovine and rodent
WORKING DILUTION: 1:10 for Immunohistochemistry
STORAGE: 2-8°C for immediate use, or at -20°C (aliquot)

REFERENCES:

1. Nuber, U.A., et al. (1996) Eur. J. Cell Biol. **66**: 69-74
2. Schäfer, S. & Franke, W.W. (1996) Differentiation **60**: 99-108

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.

489 Common Street, Belmont, MA 02478, USA; Email: info@arp1.com or staff@arp1.com
Phone: 800-832-2611 or 617-489-1120 Fax: 888-832-2613 or 617-489-5120