anti-Desmoglein 1 mouse monoclonal, Dsg1-P124, supernatant

Cat. No. 651111
Quantity 5 mL

Product description

Host mouse
Antibody Type monoclonal
Isotype IgG2a
Clone Dsg1-P124
Immunogen recombinant human Desmoglein 1 (extracellular part EII, EIII and EIV)
Purification hybridoma cell culture supernatant
Conjugate unconjugated
Formulation contains 0.09% sodium azide
Storage short term at 2 – 8 °C; long term storage in aliquots at -20 °C; avoid freeze/thaw cycles
Tested species reactivity human
Intended use Research use only

Applications

Tested applications
Immunohistochemistry (IHC) - frozen undiluted - 1:50 (preincubation (directly after fixation) with 0.05 - 0.2% Triton X-100 for 5 – 10 min, depending on tissue type, recommended)
Immunohistochemistry (IHC) - paraffin undiluted - 1:50 (preincubation with 0.001% trypsin and addition of 2% milk powder to the incubation media and microwave treatment recommended)
Western Blot (WB) assay dependent

Tested dilutions

Background

In immunoblots of cytoskeletal preparations from human skin the antibody reacts specifically with a 160 kD polypeptide typical for Desmoglein 1. In immunolocalization studies the mab shows typical staining of suprabasal layers of the epidermis and special regions of fetal anagen hair follicles. The staining pattern observed corresponds to those obtained with pemphigus foliaceus patient sera. Cross-reaction with Desmogleins 2 and 3 was not detected.
**Reference**

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**Product Images**

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