

Anti-Desmoglein 2/DSG2 Antibody Picoband® (monoclonal, 2B4D1) Fluoro550 Conjugated

Catalog Number: M02035-2-Fluoro550

About DSG2

Desmoglein-2 is a protein that in humans is encoded by the DSG2 gene. These desmoglein gene family members are located in a cluster on chromosome 18. This second family member is expressed in colon, colon carcinoma, and other simple and stratified epithelial-derived cell lines. Mutations in DSG2 display a high degree of penetrance. Disease expression was of variable severity with LV involvement a prominent feature. The low prevalence of classical ECG changes highlights the need to expand current diagnostic criteria to take account of LV disease, childhood disease expression, and incomplete penetrance.

Overview

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| Product Name | Anti-Desmoglein 2/DSG2 Antibody Picoband® (monoclonal, 2B4D1) Fluoro550 Conjugated |
| Reactive Species | Human |
| Application | Flow Cytometry |
| Clonality | Monoclonal 2B4D1 |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Mouse |
| Uniprot ID | Q14126 |

Technical Details

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| Immunogen | E.coli-derived human Desmoglein 2/DSG2 recombinant protein (Position: L24-E1020). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | IgG1 |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

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