

## Anti-Desmoglein 2/DSG2 Antibody Picoband® (monoclonal, 2B4D1) Fluoro647 Conjugated

Catalog Number: M02035-2-Fluoro647

### 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

Product Name	Anti-Desmoglein 2/DSG2 Antibody Picoband® (monoclonal, 2B4D1) Fluoro647 Conjugated
Reactive Species	Human
Application	Flow Cytometry
Clonality	Monoclonal 2B4D1
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> N.
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

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	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Desmoglein 2/DSG2 Antibody (monoclonal, 2B4D1) - Fluoro647

For Research Use Only. Not for use in diagnostic procedures.