

Anti-Desmocollin 2+3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Horse)
Molecular Weight:	Theoretical: 84 kDa.
Purification:	Protein A purified

Applications

Blank control: K562.
Primary Antibody (green line): Rabbit Anti-Desmocollin 2+3 antibody (TMAB-05099) Dilution: 2 $\mu\text{g} / 10^6$ cells;
Isotype Control Antibody (orange line): Rabbit IgG.
Secondary Antibody: Goat anti-rabbit IgG-PE Dilution: 1 $\mu\text{g} / \text{test}$.

Verified Activity:

Protocol

The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1%PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

Application:

FCM

Recommended

FCM: 2 μg /Test

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping:

Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Desmocollin 2
Antigen Species:	Human
Gene ID:	1824
Uniprot ID:	Q02487

Research Background

The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. The desmosomal family members are arranged in two clusters on chromosome 18, occupying less than 650 kb combined. Mutations in this gene are associated with arrhythmogenic right ventricular dysplasia-11. Alternative splicing results in two transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

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