

DSC2 Conjugated Antibody

Catalog No: #C37530



Package Size: #C37530-AF350 100ul #C37530-AF405 100ul #C37530-AF488 100ul
 #C37530-AF555 100ul #C37530-AF594 100ul #C37530-AF647 100ul
 #C37530-AF680 100ul #C37530-AF750 100ul #C37530-Biotin 100ul

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Description

Product Name	DSC2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DSC2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human desmocollin 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DG2; DSC3; CDHF2; ARVD11; DGII/III
Accession No.	Swiss-Prot#:Q02487NCBI Gene ID:1824NCBI Protein#:NP_077739
Uniprot	Q02487
GeneID	1824;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.?

Note: This product is for in vitro research use only