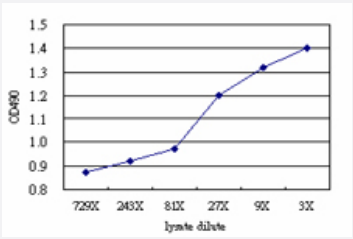
DSC2 (Human) Matched Antibody Pair

Catalog # H00001824-AP51 Size 1 Set

Applications



Sandwich ELISA detection sensitivity ranging from approximately 27x to 3x dilution of the DSC2 293T overexpression lysate (non-denatured).

Specification

Product Description	This antibody pair set comes with a matched antibody pair to detect and quantify the protein level of human DSC2.
Reactivity	Human
Quality Control Testing	Standard curve using DSC2 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 27x to 3x dilution of the DSC2 293 T overexpression lysate (non-denatured).
Supplied Product	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-DSC2 (100 ug) 2. Detection antibody: rabbit purified polyclonal anti-DSC2 (50 ug) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- ELISA Pair (Transfected lysate)

  Protocol Download

Gene Info — DSC2

Entrez GeneID	1824
Gene Name	DSC2
Gene Alias	ARVD11, CDHF2, DG2, DGII/III, DKFZp686I11137, DSC3
Gene Description	desmocollin 2
Omim ID	125645 610476
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the de smocollin subfamily of the cadherin superfamily. These desmosomal family members, along with t he 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 les s than 650 kb combined. Mutations in this gene are associated with arrhythmogenic right ventricul ar dysplasia-11. Alternative splicing results in two transcript variants encoding distinct isoforms. [p rovided by RefSeq
Other Designations	desmosomal glycoprotein II/III

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)

Disease

- Arrhythmias
- Arrhythmogenic Right Ventricular Dysplasia
- Cardiomyopathy
- Genetic Predisposition to Disease