delta Sarcoglycan Conjugated Antibody

Catalog No: #C49501

Package Size: #C49501-AF350 100ul #C49501-AF405 100ul #C49501-AF488 100ul #C49501-AF555 100ul #C49501-AF594 100ul #C49501-AF647 100ul #C49501-AF680 100ul #C49501-AF750 100ul #C49501-Biotin 100ul

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Description

Product Name	delta Sarcoglycan Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	35 kDa dystrophin associated glycoprotein antibody 35 kDa dystrophin-associated glycoprotein antibody 35DAG antibody CMD1L antibody DAGD antibody Delta-sarcoglycan antibody Delta-SG antibody Dystrophin associated glycoprotein delta sarcoglycan antibody LGMD2F antibody MGC22567 antibody Placental delta sarcoglycan antibody Sarcoglycan delta (35 kDa dystrophin associated glycoprotein) antibody SG delta antibody SGCD antibody SGCD_HUMAN antibody SGCDP antibody SGD antibody
Accession No.	Swiss-Prot#:Q92629
Uniprot	Q92629
GeneID	6444;
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
Calculated MW	35 kDa
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

Component of the sarcoglycan complex, a subcomplex of the dystrophin-glycoprotein complex which forms a link between the F-actin cytoskeleton and the extracellular matrix. Defects in SGCD are the cause of limb-girdle muscular dystrophy type 2F (LGMD2F) [MIM:601287]. LGMD2F is an autosomal recessive disorder. Defects in SGCD are the cause of cardiomyopathy dilated type 1L (CMD1L) [MIM:606685]. Dilated cardiomyopathy is a disorder characterized by ventricular dilation and impaired systolic function, resulting in congestive heart failure and arrhythmia. Patients are at risk of premature death.

Note: This product is for in vitro research use only