

Product datasheet for **TA355281**

delta Sarcoglycan (SGCD) Mouse Monoclonal Antibody [Clone ID: δ Sarc3/12C1]

Product data:

| | |
|------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | δ Sarc3/12C1 |
| Applications: | IHC |
| Recommended Dilution: | 1:25–1:50 for 60 minutes at 25°C |
| Reactivity: | Human |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | Synthetic peptide containing amino acids 1-19 at the N-terminus of the human delta-sarcoglycan sequence |
| Specificity: | Human delta-sarcoglycan (35 kD). Does not react with delta-sarcoglycan in sections of mouse, rat, rabbit, dog, chicken, hamster or pig muscle. Other animal species not tested. |
| Formulation: | Lyophilized tissue culture supernatant containing sodium azide as a preservative. |
| Reconstitution Method: | The user is required to reconstitute the contents of the vial with the correct volume of sterile distilled water as indicated on the vial label |
| Conjugation: | Unconjugated |
| Storage: | Store at 2-8°C |
| Stability: | 12 months |
| Gene Name: | sarcoglycan delta |
| Database Link: | Entrez Gene 6444 Human Q92629 |



[View online »](#)

Background:

In normal skeletal muscle, dystrophin, the protein product of the gene which is defective in Duchenne and Becker muscular dystrophy, is attached to the muscle membrane via a complex of proteins (dystrophin-associated glycoproteins, DAGs). Dystrophin-deficient muscle shows a generalized reduction in DAG labeling. The expression of different members of the dystrophin glycoprotein complex is altered in several types of muscular dystrophy. For example, patients with LGMD2D have mutations in the gene for alpha-sarcoglycan, those with LGM2E have mutations in the beta-sarcoglycan gene, those with LGM2C have mutations in the gamma-sarcoglycan gene and those with LGM2F have mutations in the delta-sarcoglycan gene. As the sarcoglycans function together as a sub-complex, mutations in any one of the sarcoglycan genes usually results in variable expression for the whole group.

Synonyms:

35DAG; CMD1L; DAGD; delta-sarcoglycan; LGMD2F; MGC22567; SG-delta; SGCDP; SGD