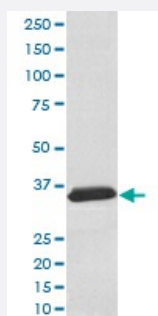


SGCD monoclonal antibody, clone AbS97

Catalog # MAB19977 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of human fetal heart lysate with SGCD monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human SGCD.
Immunogen	A synthetic peptide corresponding to human SGCD.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of human fetal heart lysate with SGCD monoclonal antibody.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunoprecipitation

Gene Info — SGCD

Entrez GeneID [6444](#)

Protein Accession# [Q92629](#)

Gene Name SGCD

Gene Alias 35DAG, CMD1L, DAGD, MGC22567, SG-delta, SGCDP, SGD

Gene Description sarcoglycan, delta (35kDa dystrophin-associated glycoprotein)

Omim ID [601287](#) [601411](#) [606685](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is one of the four known components of the sarcoglycan complex, which is a subcomplex of the dystrophin-glycoprotein complex (DGC). DGC forms a link between the F-actin cytoskeleton and the extracellular matrix. This protein is expressed most abundantly in skeletal and cardiac muscle. Mutations in this gene have been associated with autosomal recessive limb-girdle muscular dystrophy and dilated cardiomyopathy. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene. [provided by RefSeq]

Other Designations 35kD dystrophin-associated glycoprotein|delta-sarcoglycan|dystrophin associated glycoprotein, delta sarcoglycan|placental delta sarcoglycan|sarcoglycan, delta (35kD dystrophin-associated glycoprotein)

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)

- [Hypertrophic cardiomyopathy \(HCM\)](#)

Disease

- [Angina Pectoris](#)
- [Carcinoma](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Coronary Vasospasm](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)