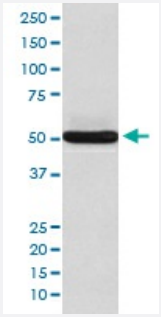
SGCA monoclonal antibody, clone ABGE-19

Catalog # MAB19543 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of human skeletal muscle lysate with SGCA monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human SGCA.
Immunogen	A synthetic peptide corresponding to human SGCA.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:100-1:500) Immunoprecipitation (1:40) Western Blot (1:500-1:2000) 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 st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

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

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunoprecipitation
- Western Blot (Cell lysate)

  Western blot analysis of human skeletal muscle lysate with SGCA monoclonal antibody.

Gene Info — SGCA

Entrez GeneID	6442
Protein Accession#	Q16586
Gene Name	SGCA
Gene Alias	50-DAG, A2, ADL, DAG2, DMDA2, LGMD2D, SCARMD1, adhalin
Gene Description	sarcoglycan, alpha (50kDa dystrophin-associated glycoprotein)
Omim ID	600119 608099
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a component of the dystrophin-glycoprotein complex (DGC), which is critical t o the stability of muscle fiber membranes and to the linking of the actin cytoskeleton to the extrace llular matrix. Its expression is thought to be restricted to striated muscle. Mutations in this gene res ult in type 2D autosomal recessive limb-girdle muscular dystrophy. Multiple transcript variants enc oding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	50kD DAG|sarcoglycan, alpha

Pathway

- Arrhythmogenic right ventricular cardiomyopathy (ARVC)
- Hypertrophic cardiomyopathy (HCM)

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