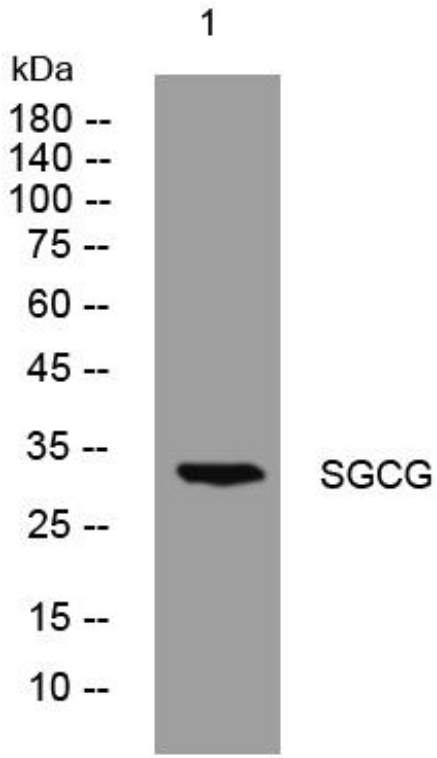
SGCG mouse mAb

Catalog No	BYmab-12224
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	SGCG
Protein Name	SGCG
Immunogen	Synthesized peptide derived from human SGCG AA range: 213-263
Specificity	This antibody detects endogenous levels of SGCG at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cell membrane, sarcolemma ; Single-pass type II membrane protein . Cytoplasm, cytoskeleton .
Tissue Specificity	Expressed in skeletal and heart muscle.
Function	disease:Defects in SGCG are the cause of limb-girdle muscular dystrophy type 2C (LGMD2C) [MIM:253700]. LGMD2C is characterized by progressive muscle wasting from early childhood.,function: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.,online information:SGCG mutations in LGMD2C,similarity:Belongs to the sarcoglycan beta/delta/gamma/zeta family.,subunit:Interacts with the syntrophin SNTA1. Cross-link to form 2 major subcomplexes: one consisting of SGCB, SGCD and SGCG and the other consisting of SGCB and SGCD. The association between SGCB and SGCG is particularly strong while SGCA is loosely associated with the other sarcoglycans (By similarity). Interacts with FLNC.,tissue specificity:Expressed in skeletal and heart muscle.,

Background	This gene encodes gamma-sarcoglycan, one of several sarcolemmal transmembrane glycoproteins that interact with dystrophin. The dystrophin-glycoprotein complex (DGC) spans the sarcolemma and is comprised of dystrophin, syntrophin, alpha- and beta-dystroglycans and sarcoglycans. The DGC provides a structural link between the subsarcolemmal cytoskeleton and the extracellular matrix of muscle cells. Defects in the encoded protein can lead to early onset autosomal recessive muscular dystrophy, in particular limb-girdle muscular dystrophy, type 2C (LGMD2C). [provided by RefSeq, Oct 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using SGCG mouse mAb