

## Anti-SGCG Antibody (Monoclonal, 31S44)

Catalog Number: M05934-2

### About SGCG

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).

### Overview

Product Name	Anti-SGCG Antibody (Monoclonal, 31S44)
Reactive Species	Human, Mouse
Description	Boster Bio Anti-SGCG Antibody (Monoclonal, 31S44) catalog # M05934-2. Tested in WB, IHC, IP applications. This antibody reacts with Human, Mouse.
Application	IP, IHC, WB
Clonality	Monoclonal 31S44
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q13326

### Technical Details

Immunogen	Recombinant protein within Human gamma Sarcoglycan aa 44-289.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 ImmunoPrecipitation, 1:50

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Anti-SGCG Antibody (Monoclonal, 31544)

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