BOSTER BIOLOGICAL TECHNOLOGY
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Anti-delta Sarcoglycan SGCD Rabbit Monoclonal Antibody

Catalog Number: M05297

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Overview

Product Name	Anti-delta Sarcoglycan SGCD Rabbit Monoclonal Antibody
Reactive Species	Human, Rat
Description	Boster Bio Anti-delta Sarcoglycan SGCD Rabbit Monoclonal Antibody catalog # M05297. Tested in WB, IHC, IP applications. This antibody reacts with Human, Rat.
Application	IP, IHC, WB
Clonality	Monoclonal AbS97
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	Q92629

Technical Details

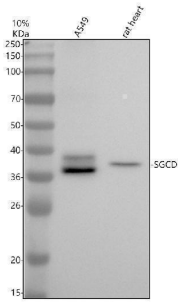
Immunogen	A synthesized peptide derived from human delta Sarcoglycan
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000

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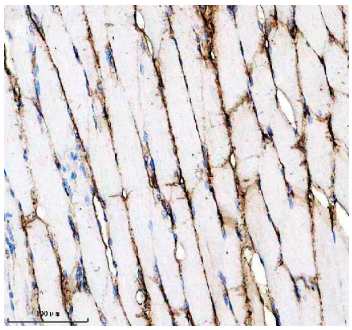
	IHC 1:50-200 IP 1:20

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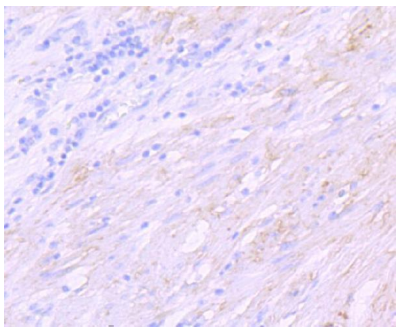
Anti-delta Sarcoglycan SGCD Rabbit Monoclonal Antibody (M05297) Images



Western blot analysis of SGCD using anti-SGCD antibody (M05297). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human A549 whole cell lysates, Lane 2: rat heart tissue lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-SGCD antigen affinity purified monoclonal antibody (M05297) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for SGCD at approximately 38 kDa. The expected band size for SGCD is at 32 kDa.



IHC analysis of SGCD using anti-SGCD antibody (M05297). SGCD was detected in a paraffin-embedded section of rat skeletal muscle tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:50 rabbit anti-SGCD Antibody (M05297) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



Immunohistochemical analysis of paraffin-embedded human stomach carcinoma tissue using anti-delta Sarcoglycan antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes.The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody (1/100) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

For Research Use Only. Not for use in diagnostic procedures.