Recombinant DGRmAb®

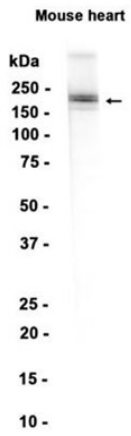
MYOM1 (DGR32813) Rabbit mAb

db13357 **Package : 10μL 20μL 50μL 100μL**

Product Name : MYOM1 (DGR32813) Rabbit mAb
Cat.No.: db13357
Synonyms : SKELEMIN
Application : WB, IHC-P
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The giant protein titin, together with its associated proteins, interconnects the major structure of sarcomeres, the M bands and Z discs. The C-terminal end of the titin string extends into the M line, where it binds tightly to M-band constituents of apparent molecular masses of 190 kD (myomesin 1) and 165 kD (myomesin 2). This protein, myomesin 1, like myomesin 2, titin, and other myofibrillar proteins contains structural modules with strong homology to either fibronectin type III (motif I) or immunoglobulin C2 (motif II) domains. Myomesin 1 and myomesin 2 each have a unique N-terminal region followed by 12 modules of motif I or motif II, in the arrangement II-II-I-I-I-I-I-II-II-II-II-II. The two proteins share 50% sequence identity in this repeat-containing region. The head structure formed by these 2 proteins on one end of the titin string extends into the center of the M band. The integrating structure of the sarcomere arises from muscle-specific members of the superfamily of immunoglobulin-like proteins. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]
Immunogen	Recombinant protein of human MYOM1
Gene ID	8736
Swiss Prot	P52179
Synonyms	SKELEMIN
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P
Recommended dilution	WB: 1:2000-1:20000 IHC-P: 1:100-1:200
Calculated MW	188 kDa
Observed MW	188 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR32813
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Mouse heart tissue using db13357 at 1:1000.