

MYOM1 (2Y19) Rabbit Monoclonal Antibody

Catalog# UZ-MA03006

Product information

产品货号	UZ-MA03006
别名	SKELEMIN
产品名称	MYOM1 (2Y19) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IF-P
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	Recombinant protein of human MYOM1
稀释度	WB 1:1000-1:5000, IHC-P/IF-P 1:50
参考分子量	188kDa
预测分子量	188kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	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-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]
纯化	Affinity Purification
Uniprot ID	P52179
Clonality	Monoclonal