



α -Actin Mouse Monoclonal Antibody

Cat. Number: UM4006
For Research Only

Description:

Synonyms:	α -Actin
Immunogen:	A synthetic peptide of human α -actin protein coupled to KLH
Specificity:	Human, Rat, Mouse
Host Species:	mouse
Ig Isotype:	Mouse IgG1
Purification:	Protein A or G purified
Applications:	WB (1: 1000-1: 10000) , IHC(1:200), IF(1:200)
Band size:	42KD

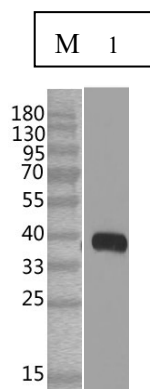
Formulation and Storage:

Formulation:	Liquid
Storage:	-20°C or lower

Background:

All eukaryotic cells express Actin, which often constitutes as much as 50% of total cellular protein. Actin filaments can form both stable and labile structures and are crucial components of microvilli and the contractile apparatus of muscle cells. While lower eukaryotes, such as yeast, have only one Actin gene, higher eukaryotes have several isoforms encoded by a family of genes. At least six types of Actin are present in mammalian tissues and fall into three classes. α -Actin expression is limited to various types of muscle, whereas β - and γ -Actin are the principle constituents of filaments in other tissues.

Image:



Lane1: Hela cell lysate

Lane2:

α -Actin antibody (UM4006) at 1:5000 dilutions

Product Name	Format	Size	Cat. #
Anti V5-Tag Mouse mAb	Mouse mAb	100µl	UM3001
Anti GFP-Tag Mouse mAb	Mouse mAb	100µl	UM3002
Anti RFP- Tag Mouse mAb	Mouse mAb	100µl	UM3003
Anti HA-Tag Mouse mAb	Mouse mAb	100µl	UM3004
Anti GST-Tag Mouse mAb	Mouse mAb	100µl	UM3005
Anti His-Tag Mouse mAb	Mouse mAb	100µl	UM3006
Anti VSV-G-Tag Mouse mAb	Mouse mAb	100µl	UM3007
Anti MBP-Tag Mouse mAb	Mouse mAb	100µl	UM3008
Anti Flag -Tag Mouse mAb	Mouse mAb	100µl	UM3009
Anti T7-Tag Mouse mAb	Mouse mAb	100µl	UM3010
Anti c-Myc-Tag Mouse mAb	Mouse mAb	100µl	UM3011
Anti HSV-Tag Mouse mAb	Mouse mAb	100µl	UM3012
Anti E2-Tag Mouse mAb	Mouse mAb	100µl	UM3013
Anti S1-Tag Mouse mAb	Mouse mAb	100µl	UM3014
Anti Tag-100-Tag Mouse mAb	Mouse mAb	100µl	UM3016
Anti mCherry-Tag Mouse mAb	Mouse mAb	100µl	UM3017
Anti HPC4- Tag Mouse mAb	Mouse mAb	100µl	UM3018
Anti Sumo- Tag Mouse mAb	Mouse mAb	100µl	UM3019
Anti CBP-Tag Mouse mAb	Mouse mAb	100µl	UM3020

Product Name	Format	Size	Cat. #
β-Actin Mouse mAb	Mouse mAb	100µl	UM4001
GAPDH Mouse mAb	Mouse mAb	100µl	UM4002
β-Tubulin Mouse mAb	Mouse mAb	100µl	UM4003
Plant Actin Mouse mAb	Mouse mAb	100µl	UM4004
Histone3.1 Mouse mAb	Mouse mAb	100µl	UM4005
α-Actin Mouse mAb	Mouse mAb	100µl	UM4006
α-Tubulin Mouse mAb	Mouse mAb	100µl	UM4007
COX IV Mouse mAb	Mouse mAb	100µl	UM4008
PCNA Mouse mAb	Mouse mAb	100µl	UM4009
VDAC1 Mouse mAb	Mouse mAb	100µl	UM4010

Product Name	Format	Size	Cat. #
Goat anti-Rabbit IgG(H+L)-HRP	Polyclonal	100µl	UT2001
Goat anti-Mouse IgG(H+L)-HRP	Polyclonal	100µl	UT2003
Goat anti-Human IgG(H+L)-HRP	Polyclonal	100µl	UT2005