

α skeletal muscle actin mouse mAb(4B11) antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A23866	Mouse	1 mg/ml	42051
Applications	WB,IHC,IF,IP		
Reactivity	Human,Mouse,Rat		
Dilution	WB: 1:500-10000 IP:1:200 IF 1:200 IHC 1:50-300		
Storage	-20°C/1 year		
Specificity	The antibody detects endogenous α Skeletal Muscle Actin protein.		
Source / Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.		
Immunogen	Synthetic Peptide of α skeletal muscle actin		
Uniprot No	P68133		
Alternative names	ACTA1; ACTA; Actin, alpha skeletal muscle; Alpha-actin-1		
Form	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.		
Clonality	Monoclonal		
Isotype	IgG		
Conjugation			
Background	actin, alpha 1, skeletal muscle(ACTA1) Homo sapiens The product encoded by this gene belongs to the actin family of proteins, which are highly conserved proteins that play a role in cell motility, structure and integrity. Alpha, beta and gamma actin isoforms have been identified, with alpha actins being a major constituent of the contractile apparatus, while beta and gamma actins are involved in the regulation of cell motility. This actin is an alpha actin that is found in skeletal muscle. Mutations in this gene cause nemaline myopathy type 3, congenital myopathy with excess of thin myofilaments, congenital myopathy with cores, and congenital myopathy with fiber-type disproportion, diseases that lead to muscle fiber defects. [provided by RefSeq, Jul 2008],		
Other	ACTA1, Actin alpha skeletal muscle		
Product Images:			

Application Key:

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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For life science research only. Not for use in diagnostic procedures.

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