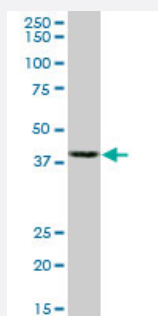


ACTB monoclonal antibody (M01A), clone 3G4-F9

Catalog # H00000060-M01A

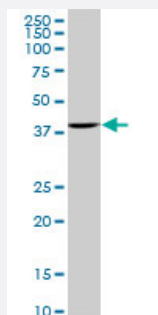
Size 200 uL

Applications



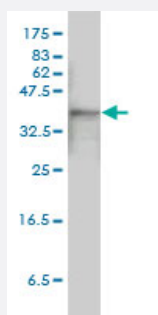
Western Blot (Cell lysate)

ACTB monoclonal antibody (M01A), clone 3G4-F9. Western Blot analysis of ACTB expression in NIH/3T3 (Cat # L018V1).



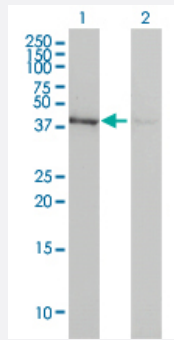
Western Blot (Cell lysate)

ACTB monoclonal antibody (M01A), clone 3G4-F9. Western Blot analysis of ACTB expression in Raw 264.7 (Cat # L024V1).



Western Blot (Cell lysate)

ACTB monoclonal antibody (M01A), clone 3G4-F9 Western Blot analysis of ACTB expression in HeLa (Cat # L013V1).

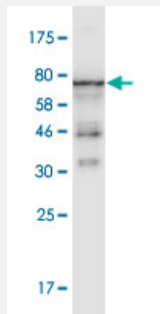


Western Blot (Transfected lysate)

Western Blot analysis of ACTB expression in transfected 293T cell line by ACTB monoclonal antibody (M01A), clone 3G4-F9.

Lane 1: ACTB transfected lysate(42 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (66.99 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ACTB.
Immunogen	ACTB (AAH01301, 1 a.a. ~ 375 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDDDIAALVVDNGSGMCKAGFAGDDAPRAVSPSIVGRPRHQGVMMVGMGQKDSYVGDEAQSQR GILTLKYPIEHGVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNT PAMYVAIQAVLSLYASGRRTTGIVMDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERG YSFTTTAEREIVRDIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVITIGNERFRCPEALFQP SFLGMESCGIHETTFNSIMKCDVDIRKDLANTVLSGGTTMYPGIADRMQKEITALAPSTMKIKIAPP ERRYSVWIGGSILASLSTFQQMWISKQEYDESGPSVHRKCF
Host	Mouse
Reactivity	Human, Mouse
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (66.99 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ACTB monoclonal antibody (M01A), clone 3G4-F9. Western Blot analysis of ACTB expression in NIH/3T3 (Cat # L018V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

ACTB monoclonal antibody (M01A), clone 3G4-F9. Western Blot analysis of ACTB expression in Raw 264.7 (Cat # L024V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

ACTB monoclonal antibody (M01A), clone 3G4-F9 Western Blot analysis of ACTB expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ACTB expression in transfected 293T cell line by ACTB monoclonal antibody (M01A), clone 3G4-F9.

Lane 1: ACTB transfected lysate(42 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ACTB

Entrez GeneID	60
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GeneBank Accession#	BC001301
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Protein Accession#	AAH01301
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Gene Name	ACTB
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Gene Alias	PS1TP5BP1
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Gene Description	actin, beta
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Omim ID	102630
Gene Ontology	Hyperlink
Gene Summary	This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. [provided by RefSeq]
Other Designations	PS1TP5-binding protein 1 actin, cytoplasmic 1 beta actin beta cytoskeletal actin

Pathway

- [Adherens junction](#)
- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Focal adhesion](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Leukocyte transendothelial migration](#)
- [Pathogenic Escherichia coli infection - EHEC](#)
- [Regulation of actin cytoskeleton](#)
- [Tight junction](#)
- [Vibrio cholerae infection](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)