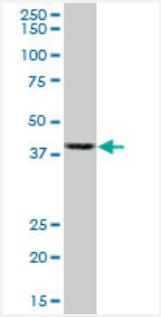
ACTB monoclonal antibody (M01A), clone 3G4-F9

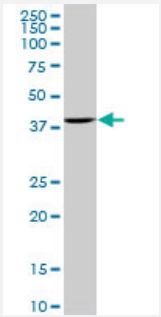
Catalog # H00000060-M01A Size 200 uL

Applications



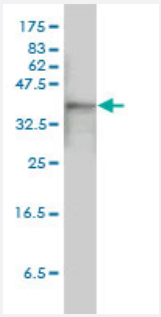
Western Blot (Cell lysate)

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



Western Blot (Cell lysate)

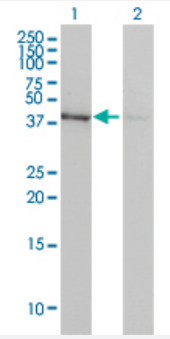
ACTB monoclonal antibody (M01A), clone 3G4-F9. Western Blot analysis of ACTB expression in Raw 264.7 (Cat # L024V1).



Western Blot (Cell lysate)

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

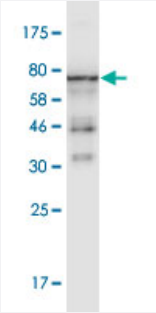
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Western Blot (Transfected lysate)

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	MDDDIAALVVDNGSGMCKAGFAGDDAPRAVSPSIVGRPRHQGVMVGMGQKDSYVGDEAQSKRGILTLKYPIEHGIVTNWDDMEKIWHHTFYNELRVAPEEHPVLLTEAPLNPKANREKMTQIMFETFNTPAMYVAIQAVLSLYASGRTTGIVMDSGDGVTHTVPIYEGYALPHAILRLDLAGRDLTDYLMKILTERGYSFTTTAEREIVRDIKEKLCYVALDFEQEMATAASSSSLEKSYELPDGQVITIGNERFRCPEALFQPSFLGMESCGIHETTFNSIMKCDVDIRKDLYANTVLSGGTTMYPGIADRMQKEITALAPSTMKIKIIAPPERRYSVWIGGSILASLSTFQQMWISKQEYDESGPSIVHRKCF
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.

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Applications

- ELISA

- 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

Gene Info — ACTB

Entrez GeneID	60
GeneBank Accession#	BC001301
Protein Accession#	AAH01301
Gene Name	ACTB
Gene Alias	PS1TP5BP1
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 ar e 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

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