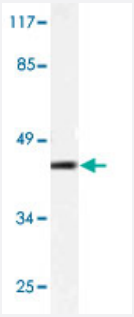
ACTB Monoclonal antibody, clone 4D3

Catalog # MAB11127 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with ACTB Monoclonal antibody, clone M01 (Cat # MAB11127).

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of ACTB.
Immunogen	A synthetic peptide corresponding to ACTB.
Host	Mouse
Theoretical MW (kDa)	45
Reactivity	Human, Mouse, Rat
Specificity	ACTB Monoclonal antibody detects endogenous levels of ACTB protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:2000-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of HeLa cell lysate with ACTB Monoclonal antibody, clone M01 (Cat # MAB11127).

Gene Info — ACTB

Entrez GeneID	60
Gene Name	ACTB
Gene Alias	PS1TP5BP1
Gene Description	actin, beta
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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- Regulation of actin cytoskeleton
- Tight junction
- Vibrio cholerae infection

Disease

- Breast cancer
- Breast Neoplasms

Copyright © 2023 Abnova Corporation. All Rights Reserved.