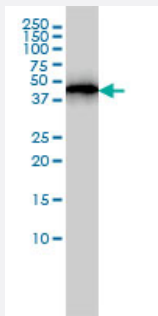


ACTR3 monoclonal antibody (M02), clone 2B6

Catalog # H00010096-M02

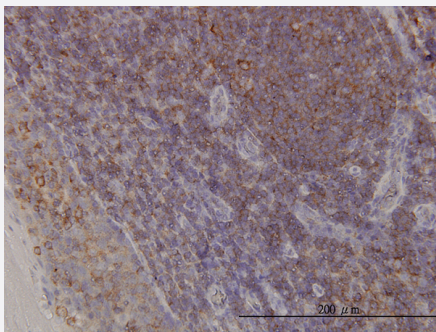
Size 100 ug

Applications



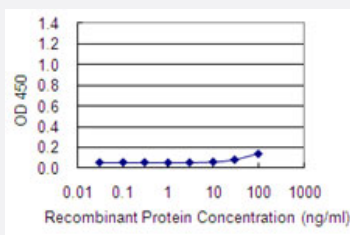
Western Blot (Cell lysate)

ACTR3 monoclonal antibody (M02), clone 2B6 Western Blot analysis of ACTR3 expression in A-431 (Cat # L015V1).



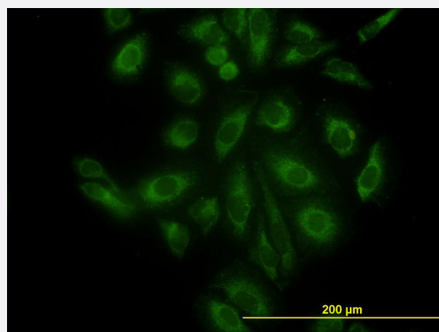
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ACTR3 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 6 ug/ml]



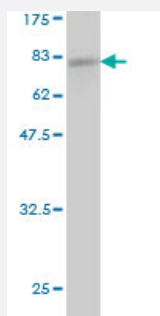
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACTR3 is 10 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to ACTR3 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (71.72 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant ACTR3.
Immunogen	ACTR3 (AAH44590, 1 a.a. ~ 418 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAGRLPACVVDCGTGYTKLGYAGNTEPQFIIPSCIAIKESAKVGDQAQRRVMKGVDDLDFFIGDEA IEKPTYATKWPIRHGIAEDWDLMERFMEQVIFKYLRAEPEDHYFLLTEPPLNTPENREYTAEIFES FNVPGLYIAVQAVLALAASWTSRQVGERTLTGTVIDSGDGVTHVIPVAEGYVIGSCIKHIPIAGRDITY FIQQLLRDREVGPPEQSLETAKAVKERYSYVCPDLVKEFNKYD TDGSKWIKQYTGINAISKKEFSID VGYERFLGPEIFFHPEFANPDF TQPISEVVDEVIQNCPIDVRRPLYKNVLSGGSTMFRDFGRRLQR DLKRTVDARLKLSEELSGGRLKPKPIDVQVITHHMQRVAVWFGGSMMLASTPEFYQVCHTKKDYEE IGPSICRHNPVFGVMS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (71.72 KDa) .
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ACTR3 monoclonal antibody (M02), clone 2B6 Western Blot analysis of ACTR3 expression in A-431 (Cat # L015V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ACTR3 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 6 ug/ml]

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- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACTR3 is 10 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to ACTR3 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ACTR3

Entrez GeneID	10096
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GeneBank Accession#	BC044590
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Protein Accession#	AAH44590
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Gene Name	ACTR3
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Gene Alias	ARP3
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Gene Description	ARP3 actin-related protein 3 homolog (yeast)
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Omim ID	604222
Gene Ontology	Hyperlink
Gene Summary	The specific function of this gene has not yet been determined; however, the protein it encodes is known to be a major constituent of the ARP2/3 complex. This complex is located at the cell surface and is essential to cell shape and motility through lamellipodial actin assembly and protrusion. [provided by RefSeq
Other Designations	ARP3 actin-related protein 3 homolog

Publication Reference

- [Laser Microdissection and Two-Dimensional Difference Gel Electrophoresis Reveal the Role of a Novel Macrophage-Capping Protein in Lymph Node Metastasis in Gastric Cancer.](#)

Ichikawa H, Kanda T, Kosugi SI, Kawachi Y, Sasaki H, Wakai T, Kondo T.

Journal of Proteome Research 2013 Aug; 12(8):3780.

Application: WB-Ti, Human, Gastric cancer

- [Annexin A2-Dependent Polymerization of Actin Mediates Endosome Biogenesis.](#)

Morel E, Parton RG, Gruenberg J.

Developmental Cell 2009 Mar; 16(3):445.

Application: WB, Hamster, BHK cells