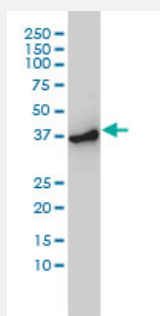


ACTR2 monoclonal antibody (M01), clone 1B10-C4

Catalog # H00010097-M01

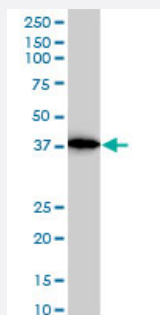
Size 100 ug

Applications



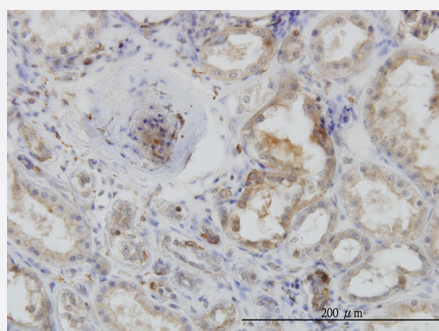
Western Blot (Cell lysate)

ACTR2 monoclonal antibody (M01), clone 1B10-C4 Western Blot analysis of ACTR2 expression in HeLa S3 NE (Cat # L013V3).



Western Blot (Cell lysate)

ACTR2 monoclonal antibody (M01), clone 1B10-C4. Western Blot analysis of ACTR2 expression in A-431 (Cat # L015V1).

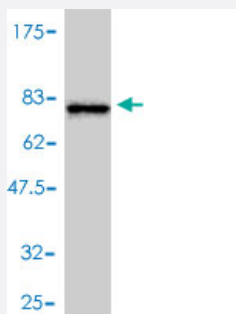
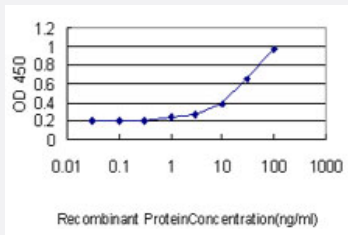


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ACTR2 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACTR2 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (69.08 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant ACTR2.
Immunogen	ACTR2 (AAH14546.1, 1 a.a. ~ 394 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDSQGRKVVVCDNGTGFVKCGYAGSNFPEHIFPALVGRPIIRSTTKVGNEIKDLMVGDEASELRS TLEVNYPMENGIVRNWDDMKHLWDYTFGPEKLNIDTRNCKILLTEPPMNPTKNREKIVEVMFETYQ FSGVYVAIQAVLTLTAAQGLLTGVVVDSDGDGVTHICPVYESFSLPHLTRRLDIAGRDITRYLIKLLLLRG YAFNHSADFETVRMIKEKLCYVGYNIEQEQLALETTVLVESYTLPGRIKVGGERFEAPEALFQP HLINVEGVGVAELLFNTIQAADIDTRSEFYKHIVLSGGSTMYPGLPSRLERELKQLYLERVLKGDVE KLSKFKIRIEDPPRRKHMVFLGGAVLADIMKDKDNFWMTRQEYQEKGVRVLEKLGVTVR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Rat (99)
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (69.08 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)

ACTR2 monoclonal antibody (M01), clone 1B10-C4 Western Blot analysis of ACTR2 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Cell lysate)

ACTR2 monoclonal antibody (M01), clone 1B10-C4. Western Blot analysis of ACTR2 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 ACTR2 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged ACTR2 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — ACTR2

Entrez GeneID [10097](#)

GeneBank Accession# [BC014546](#)

Protein Accession# [AAH14546.1](#)

Gene Name ACTR2

Gene Alias ARP2

Gene Description	ARP2 actin-related protein 2 homolog (yeast)
Omim ID	604221
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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	actin-related protein 2