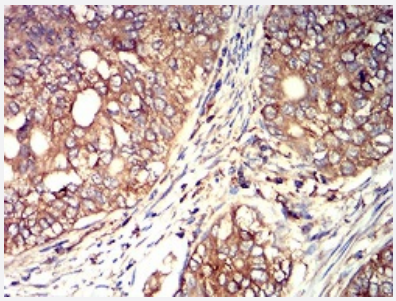
ACTR3 monoclonal antibody, clone 3G2C9

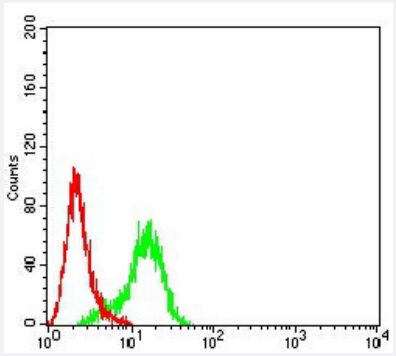
Catalog # MAB17621 Size 100 ug

Applications



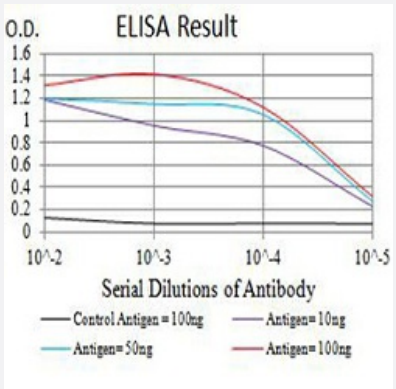
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded cervical cancer tissue with ACTR3 monoclonal antibody.



Flow Cytometry

Flow cytometric analysis of Hela cells with ACTR3 monoclonal antibody (green) and negative control (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of ACTR3 monoclonal antibody, clone 3G2C9.

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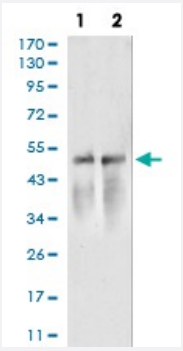
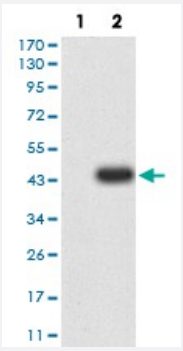


Western Blot (Cell lysate)

Western blot analysis of (1) NIH/3T3 cell, (2) A549 cell with ACTR3 monoclonal antibody.



Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) ACTR3-hIgGFc transfected HEK293 cell lysate.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human ACTR3.
Immunogen	Recombinant protein corresponding to amino acid 287-418 of human ACTR3 from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	47.4
Reactivity	Human, Mouse
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry Flow Cytometry (1:200-1:400) Immunohistochemistry (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining of paraffin-embedded cervical cancer tissue with ACTR3 monoclonal antibody.

- Flow Cytometry

  Flow cytometric analysis of Hela cells with ACTR3 monoclonal antibody (green) and negative control (red).

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of ACTR3 monoclonal antibody, clone 3G2C9.

- Western Blot (Cell lysate)

  Western blot analysis of (1) NIH/3T3 cell, (2) A549 cell with ACTR3 monoclonal antibody.

- Western Blot (Transfected lysate)

  Western blot analysis of (1) HEK293 cells, (2) ACTR3-hIgGFc transfected HEK293 cell lysate.

Gene Info — ACTR3

Entrez GeneID	10096
Gene Name	ACTR3
Gene Alias	ARP3
Gene Description	ARP3 actin-related protein 3 homolog (yeast)
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 surfac e 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

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