



Category: Monoclonal Antibodies Cat. #: MAB-606030162
Product Name: Mouse Monoclonal Antibody to ACTA2

ICC

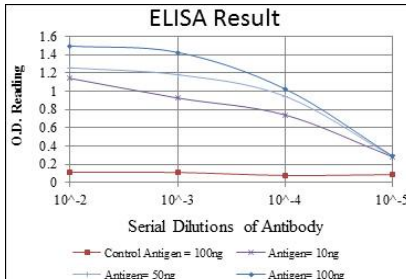
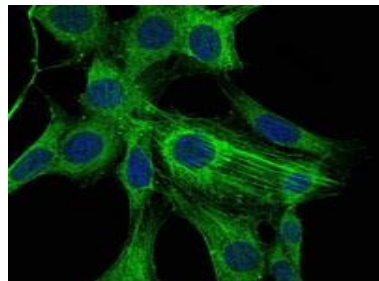
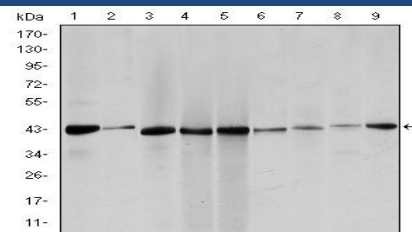


Figure 2: Immunofluorescence analysis of NIH/3T3 cells using ACTA2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Western Blotting

Figure 1: Western blot analysis using ACTA2 mouse mAb against Hela (1), Jurkta (2), HepG2 (3), MCF-7 (4), A431 (5), A549 (6), PC-12 (7), NIH/3T3 (8) and Cos7 (9) cell lysate.

Clone#	1H8
Host and isotype	Mouse IgG1
Species reactivity	Human; Monkey; Rat; Mouse
Size	0.1ml
MW	42kDa
Aliases	AAT6; ACTSA; ACTA2

Entrez Gene

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Description

Actin, alpha 2, smooth muscle, aorta, major constituent of thin filaments.

Immunogen

Purified recombinant fragment of human ACTA2 expressed in E. Coli.

Applications

Western Blotting: 1/500 - 1/2000.

Immunofluorescence: 1/200 - 1/1000.

Flow cytometry: 1/200 - 1/400.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

Formulation

Ascitic fluid containing 0.03% sodium azide.

Storage

Store at 4°C, for long term storage, store at -20°C.

Related product

References

1. Nat Genet. 2007 Dec;39(12):1488-93.
2. Virchows Arch. 2007 Dec;451(6):999-1007.

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