



## ACTA2 Mouse Monoclonal Antibody

E10-30163

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

**Catalog Number:** E10-30163

**Amount:** 100µg/100µl

**Clone Number:** 4F4

**Species:** Mouse IgG1

**MW:** 42kDa

**Aliases:** AAT6; ACTSA; ACTA2

**Entrez Gene:** 59

**Immunogen:** Purified recombinant fragment of human ACTA2 expressed in E. Coli.

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

**Formulation:** Ascitic fluid containing 0.03% sodium azide.

**Species Reactivities:** Human; Monkey

**Tested Applications:** WB, IHC, ELISA. Not yet tested in other applications.

**Application notes:** WB: 1/500 - 1/2000, IHC: 1/200-1/1000, ELISA: Propose dilution 1/10000.

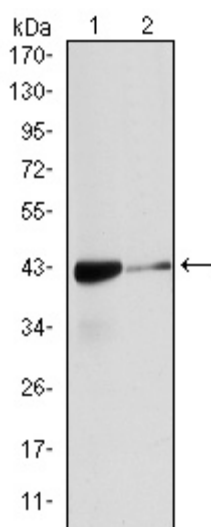


Figure 1: Western blot analysis using ACTA2 mouse mAb against HeLa (1), and Cos7 (2) cell lysate.

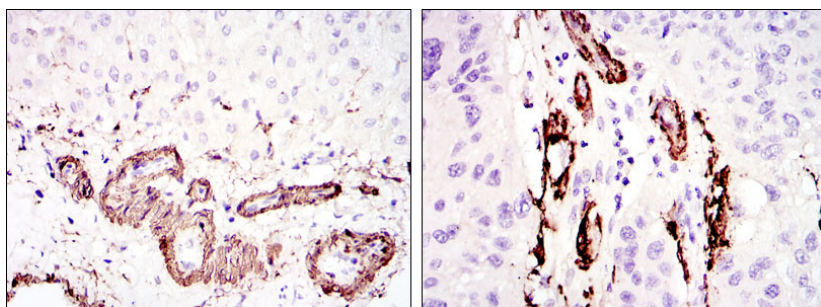
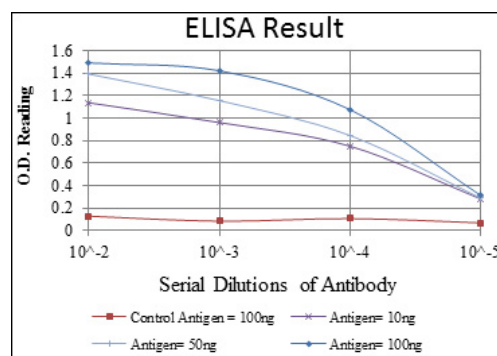


Figure 2: Immunohistochemical analysis of paraffin-embedded liver tissues (left) and lung cancer tissues (right) using ACTA2 mouse mAb with DAB staining.



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