

**MA9120**  
**Beta-actin Antibody**



- 50ul
- 100 uL

**Order** 021-34695924  
orders@ab-mart.com  
**Support** 400-6123-828  
support1@ab-mart.com  
**Web** www.ab-mart.com.cn

**Description :** Mouse monoclonal antibody to Beta-actin

**Alternative Names :** Actin cytoplasmic 1; Beta-actin

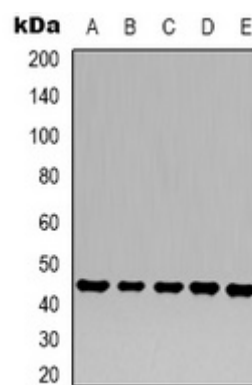
**Source :** Mouse

**Uniprot :** P60709

**Reactivity :** H, M, R, Mk, D, C, Rb

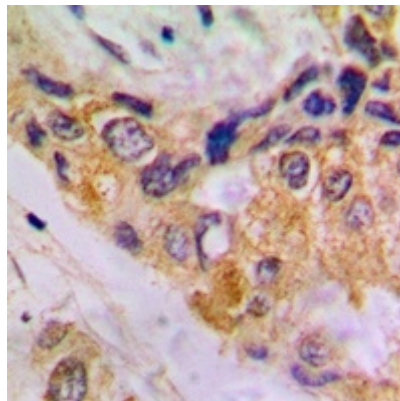
**Application:**

WB



Western blot analysis of Beta-actin expression in 293T (A), HeLa (B), mouse kidney (C), rat heart (D), rat brain (E) whole cell lysates.

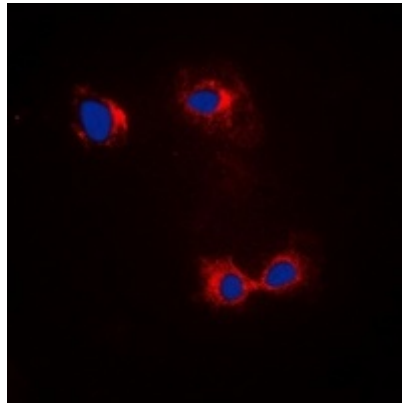
IHC



Immunohistochemical analysis of Beta-actin staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room

temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

IF/ICC



Immunofluorescent analysis of Beta-actin staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a FITC-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).

**Specificity :** Recognizes endogenous levels of Beta-actin protein.

**Clonality :** Monoclonal

**Dilution :** WB (1/2000 - 1/5000), IHC (1/50 - 1/200), IF/IC (1/100 - 1/200)

**Gene Symbol :** ACTB

**Storage Condition :** Store at -20°C long term.