

β -actin Mouse Monoclonal Antibody(A02)

Catalog	EP0045	EP0045	Tel: 400 6610 696 Email:expandbiotech@163.com Web: http://www.expandbiotech.com/	
Quantity	20μL	100μL		
For research use only.				
Applications	Species Cross-Reactivity		Molecular Weight	Isotype
WB, IHC, IF	H, R, M, Mk, Dg, Ch, Hm, Rb, Pg, Sh		43KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C. Do not aliquot the antibody.**

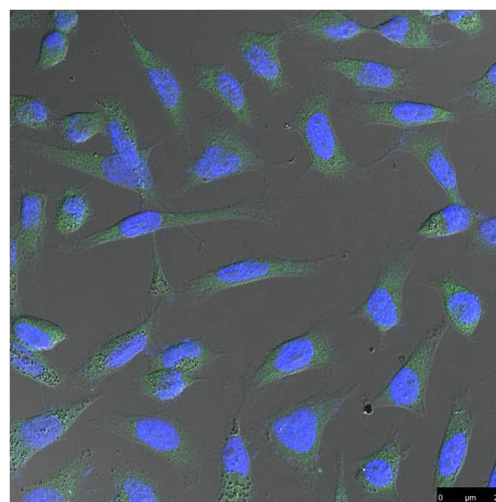
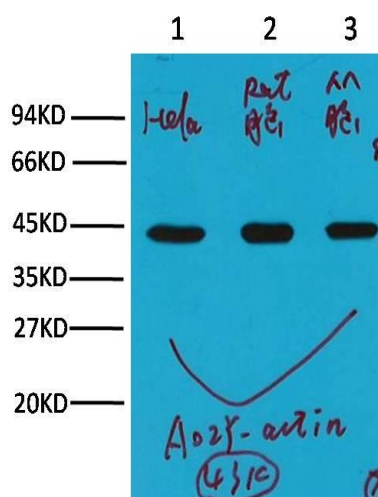
Recommended dilutions: WB: 1:5,000-10,000 IHC: 1:200 IF: 1:200

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detect endogenous β -actin protein.

Alternative Names: actin antibody, b-actin antibody, beta-actin antibody

Background: β -actin is one of six different actin isoforms that have been identified. The actin molecules found in cells of various species and tissues tend to be very similar in their immunological and physical properties. Therefore, antibodies against β -actin are useful as loading controls for Western Blotting. However it should be noted that levels of β -actin may not be stable in certain cells. For example, expression of β -actin in adipose tissue is very low and therefore β -actin should not be used as loading control for these tissues.



Western blot analysis of Hela (1), Rat brain (2), Mouse brain(3), with β -actin mouse mAb(A02) diluted at 1:10,000

IF analysis of Hela with TDY045 diluted at 1:500