

α -actinin Mouse Monoclonal Antibody(4A12)

Catalog TDY580C TDY580F

Tel: 010-80117836

Quantity 50 μ L 100 μ L

Web: www.tdybio.com

Entrez-Gene ID#87 , Swiss-Prot Acc.#P12814

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
IHC	H,R,M	~103KD	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.**

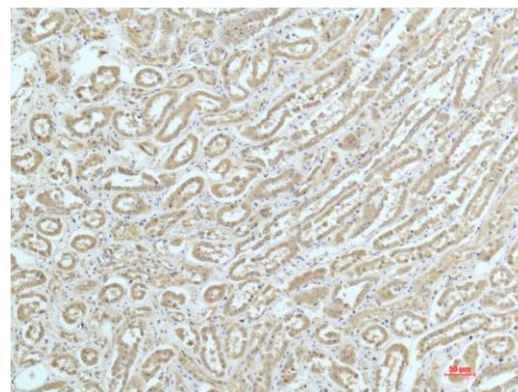
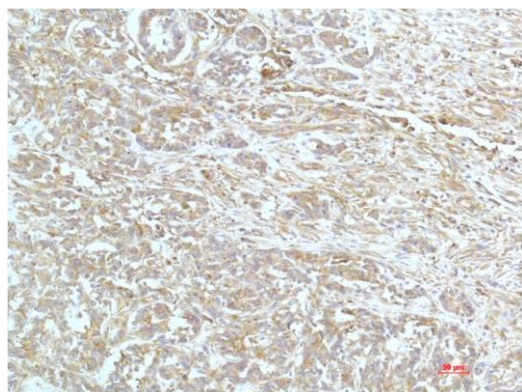
Recommended dilutions: IHC: 1:100-200

Optimal dilutions should be determined by the end user.

Specificity: Antibody can detects endogenous α -actinin protein.

Alternative Names: actinin 1 smooth muscle antibody, actinin alpha 1 antibody, ACTN 1 antibody, FLJ40884 antibody

Background: α -Actinin belongs to the spectrin family of cytoskeletal proteins. α -Actinin is necessary for the attachment of actin filaments to the Z-lines in skeletal muscle cells, and to the dense bodies in smooth muscle cells. The functional protein is an anti-parallel dimer, which cross-links the thin filaments in adjacent sarcomeres, and therefore coordinated contractions between sarcomeres in the horizontal axis.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using α -actinin (TDY580) Mouse mAb diluted at 1:200. Immunohistochemical analysis of paraffin-embedded Human Kidney Tissue using α -actinin (TDY580) Mouse mAb diluted at 1:200.