

α -Smooth Muscle Actin Mouse Monoclonal Antibody(1E12)

Catalog TDY340C TDY340F

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Quantity 50 μ L 100 μ L

Entrez-Gene ID: 59 , Swiss-Prot Acc. P62736

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, R, M	42KD	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.**

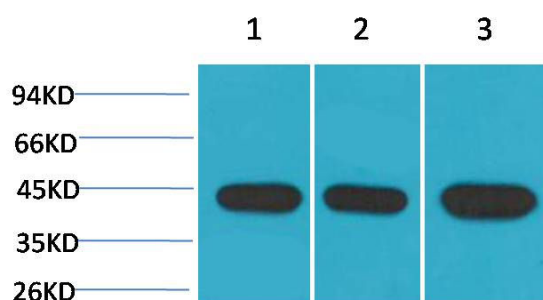
Recommended dilutions: WB: 1:5,000-50,000 IHC: 1:1,000-2,000

Optimal dilutions should be determined by the end user.

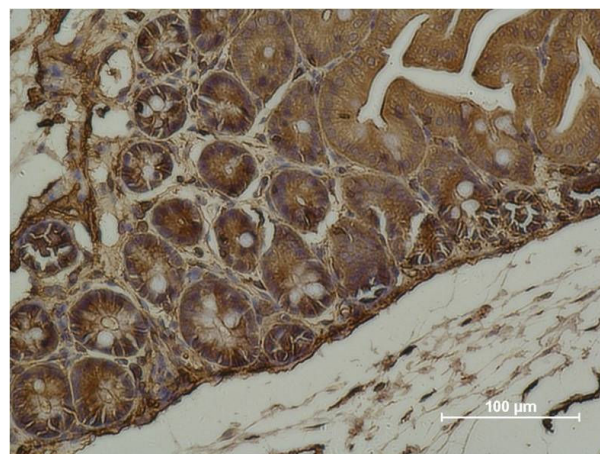
Specificity: The α -Smooth Muscle Actin antibody can detects endogenous α -Smooth Muscle Actin protein.

Alternative Names: AAT6 antibody, ACTA2 antibody, alpha actin 2 antibody, GIG46 antibody, ACTSA antibody, ACTVS antibody

Background: Actin is a globular multi-functional protein that forms microfilaments. ACTA2 codes for an α -actin located in the smooth muscle, and also in vascular smooth muscle.



Western blot analysis of 1) Hela, 2)3T3, 3)Rat Brain with α -Smooth Muscle Actin Mouse mAb TDY340 diluted at 1:100,000.



Immunohistochemical analysis of paraffin-embedded Mouse Cecal Tissue using α -Smooth Muscle Actin (TDY340) Mouse mAb diluted at 1:500.