

# **α smooth muscle actin (1E12) Mouse mAb (AM10012)**

## **Key Features**

Host Species:	Mouse
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC
MW:	42kD (Observed)

## **Recommended Dilution Ratios**

WB:	1:5000-50000
IHC:	1:1000-2000

<b>Storage</b>	-15°C to -25°C/1 year (Do not lower than -25°C)
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## **Basic Information**

Clonality	Monoclonal
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## **Immunogen Information**

Specificity	The antibody detects endogenous α-SMA protein.
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## **Target Information**

Gene name	ACTA2
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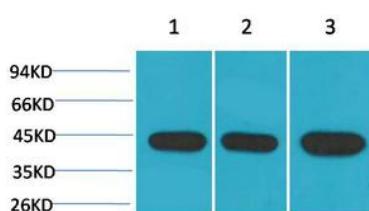
Protein Name	Actin, aortic smooth muscle
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Organism	Gene ID	UniProt ID
Human	59	P62736
Mouse	11475	P62737
Rat	81633	P62738

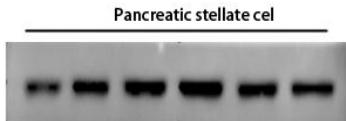
Cellular Localization	Cytoplasm, cytoskeleton
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Tissue specificity	Pituitary,Uterus
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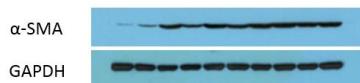
## **Validation Data**



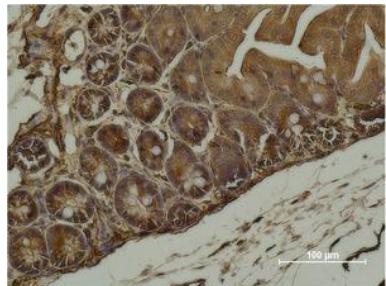
Western blot analysis of 1) HeLa, 2) 3T3, 3) Rat Brain using α-SMA Monoclonal Antibody.



The picture was kindly provided by our customer



The picture was kindly provided by our customer. Primary antibody was diluted at 1:5000. Loading control antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded Mouse Cecal Tissue using  $\alpha$ -SMA Monoclonal Antibody

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