

## Anti-ACTA2 antibody [1E12] (STJ97381)

STJ97381

### GENERAL INFORMATION

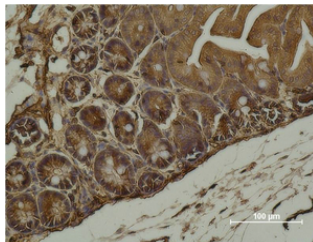
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Actin-Aortic Smooth Muscle is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence research applications.
<b>Applications</b>	WB, IHC-P, IF-P
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

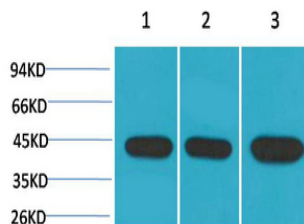
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	1E12
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:5000-50000 IHC 1:1000-2000
<b>Formulation</b>	PBS, pH 7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

<b>Gene ID</b>	59
<b>Gene Symbol</b>	ACTA2
<b>Uniprot ID</b>	ACTA_HUMAN
<b>Immunogen</b>	Synthetic peptide of Alpha-SMA
<b>Immunogen Region</b>	
<b>Specificity</b>	ACTA2 monoclonal antibody (Actin-Aortic Smooth Muscle) binds to endogenous Actin-Aortic Smooth Muscle.
<b>Immunogen Sequence</b>	



Immunohistochemical analysis of paraffin-embedded Mouse Cecal Tissue using Alpha-SMA monoclonal antibody.



Western blot analysis of 1) HeLa, 2) 3T3, 3) Rat Brain using Alpha-SMA monoclonal antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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