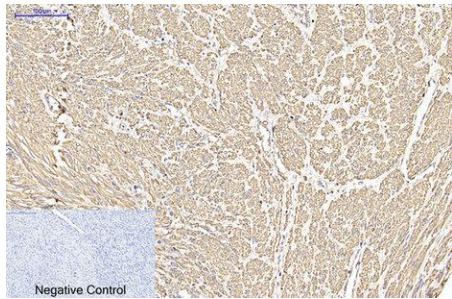


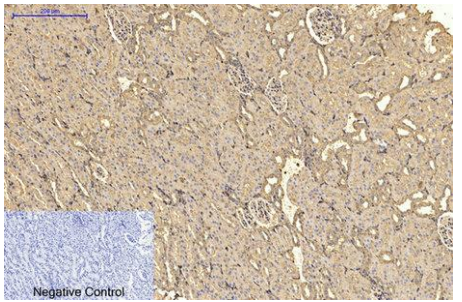
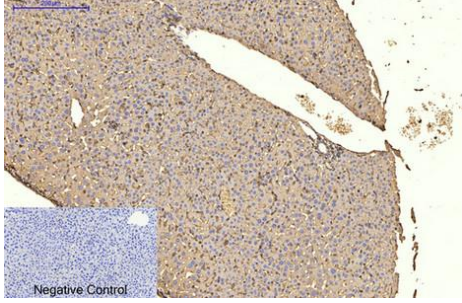
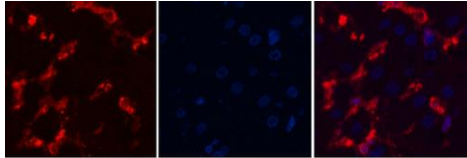
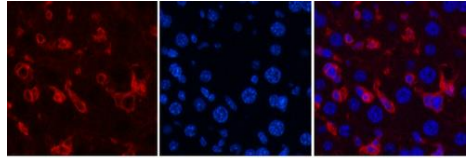
# $\alpha$ -SMA Monoclonal Antibody(6A12)

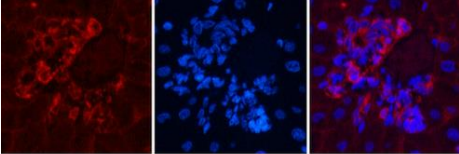
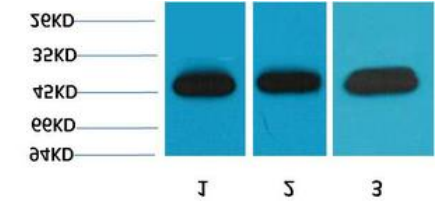
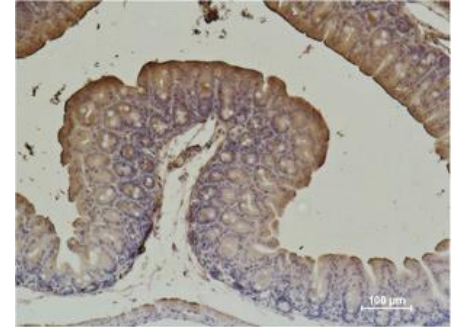
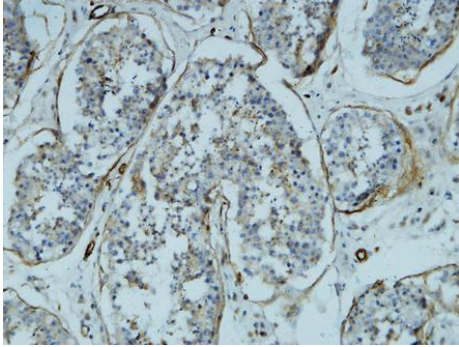
Cat# A20487PI

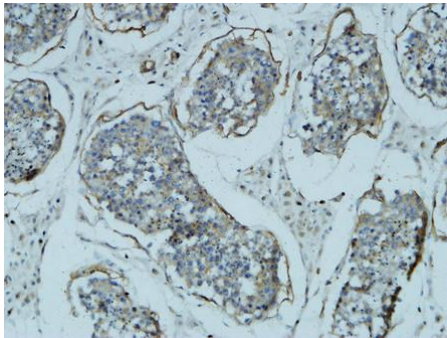
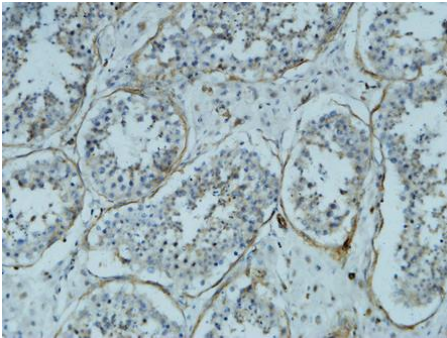
Upon receipt, store at -20°C . Avoid repeated freeze.

## INFORMATION

<b>Product Name</b>	$\alpha$ -SMA Monoclonal Antibody(6A12)	
<b>Cat. No.</b>	A20487PI	
<b>Size</b>	100 $\mu$ g/50 $\mu$ g	
<b>Uniprot</b>	P62736	
<b>Product type</b>	Primary antibody	
<b>Species Reactivity</b>	Human,Mouse,Rat	
<b>Immunogen</b>	Synthetic Peptide of $\alpha$ -SMA	
<b>Host</b>	Mouse	
<b>Clonality</b>	Monoclonal	
<b>Tested applications</b>	WB, IF, IHC-p	
<b>Application</b>	WB: 1:10000-100000 ; IF: 1:200 ; IHC: 1:1000-2000	
<b>Purification Method</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.	
<b>Storage instruction</b>	-20°C/1 year	
<b>Alias</b>	ACTA2; ACTSA; ACTVS; GIG46; Actin, aortic smooth muscle; Alpha-actin-2; Cell growth-inhibiting gene 46 protein	
<b>Image</b>		<p>Immunohistochemical analysis of paraffin-embedded Human-uterus-cancer tissue.</p> <ol style="list-style-type: none"> <li>1, <math>\alpha</math>-SMA Monoclonal Antibody(6A12) was diluted at 1:200(4°C,overnight).</li> <li>2, Sodium citrate pH 6.0 was used for antibody retrieval(&gt;98°C,20min).</li> <li>3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.</li> </ol>

		<p>Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue.</p> <ol style="list-style-type: none"> <li>1, <math>\alpha</math>-SMA Monoclonal Antibody(6A12) was diluted at 1:200(4°C, overnight).</li> <li>2, Sodium citrate pH 6.0 was used for antibody retrieval( &gt;98°C , 20min).</li> <li>3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.</li> </ol>
		<p>Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue.</p> <ol style="list-style-type: none"> <li>1, <math>\alpha</math>-SMA Monoclonal Antibody(6A12) was diluted at 1:200(4°C,overnight).</li> <li>2, Sodium citrate pH 6.0 was used for antibody retrieval(&gt;98°C,20min).</li> <li>3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.</li> </ol>
		<p>Immunofluorescence analysis of Human-liver tissue.</p> <ol style="list-style-type: none"> <li>1, <math>\alpha</math>-SMA Monoclonal Antibody(6A12)(red) was diluted at 1:200(4°C,overnight).</li> <li>2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).</li> <li>3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B</li> </ol>
		<p>Immunofluorescence analysis of Mouse-liver tissue.</p> <ol style="list-style-type: none"> <li>1,<math>\alpha</math>-SMA Monoclonal Antibody(6A12)(red) was diluted at 1:200(4°C,overnight).</li> <li>2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).</li> <li>3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B</li> </ol>

	 <p>A B C</p>	<p>Immunofluorescence analysis of Rat-liver tissue.</p> <ol style="list-style-type: none"> <li>1, <math>\alpha</math>-SMA Monoclonal Antibody(6A12)(red) was diluted at 1:200(4°C,overnight).</li> <li>2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).</li> <li>3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B</li> </ol>
	 <p>50KD 32KD 22KD 16KD 14KD</p> <p>1 2 3</p>	<p>Western blot analysis of</p> <ol style="list-style-type: none"> <li>1) HeLa, 2) 3T3, 3) Rat Brain using <math>\alpha</math>-SMA Monoclonal Antibody.</li> </ol>
	 <p>100 <math>\mu</math>m</p>	<p>Immunohistochemical analysis of paraffin-embedded Mouse Cecal Tissue using <math>\alpha</math>-SMA Monoclonal Antibody.</p>
		<p>Immunohistochemical analysis of paraffin-embedded Human testis.</p> <ol style="list-style-type: none"> <li>1, Antibody was diluted at 1:200(4°C,overnight).</li> <li>2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval.</li> <li>3, Secondary antibody was diluted at 1:200(room temperature, 30min).</li> </ol>

		<p>Immunohistochemical analysis of paraffin-embedded Human testis.</p> <ol style="list-style-type: none"> <li>1, Antibody was diluted at 1:200(4° C,overnight).</li> <li>2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval.</li> <li>3, Secondary antibody was diluted at 1:200(room temperature, 30min).</li> </ol>
		<p>Immunohistochemical analysis of paraffin-embedded Human testis.</p> <ol style="list-style-type: none"> <li>1, Antibody was diluted at 1:200(4° C,overnight).</li> <li>2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval.</li> <li>3, Secondary antibody was diluted at 1:200(room temperature, 30min).</li> </ol>

## **PRODUCT USE LIMITATION**

These products are intended for research use only.