

**$\alpha$ -SMA Monoclonal Antibody(1E12)**  
Catalog # AP63509

**Specification**

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**$\alpha$ -SMA Monoclonal Antibody(1E12) - Product Information**

Application	WB
Primary Accession	<a href="#">P62736</a>
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal

**$\alpha$ -SMA Monoclonal Antibody(1E12) - Additional Information**

**Gene ID** 59

**Other Names**

ACTA2; ACTSA; ACTVS; GIG46; Actin, aortic smooth muscle; Alpha-actin-2; Cell growth-inhibiting gene 46 protein

**Dilution**

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

**Format**

PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

**Storage Conditions**

-20°C

**$\alpha$ -SMA Monoclonal Antibody(1E12) - Protein Information**

**Name** ACTA2

**Synonyms** ACTSA, ACTVS

**Function**

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.

**Cellular Location**

Cytoplasm, cytoskeleton.

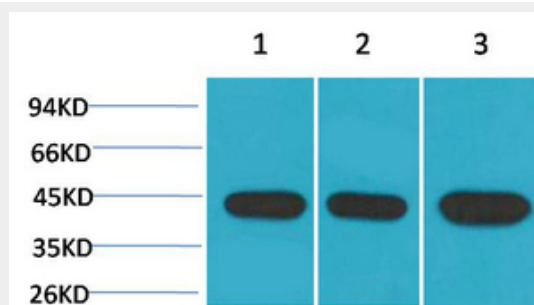
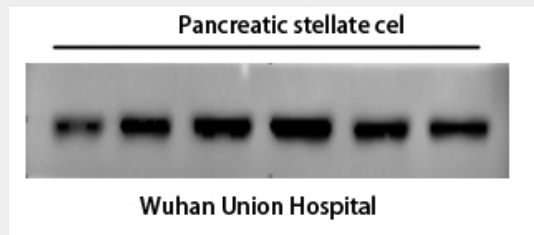
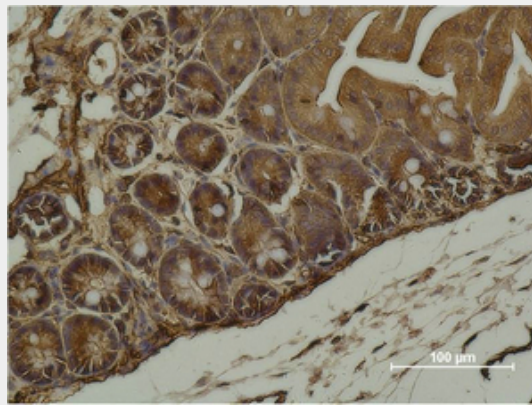
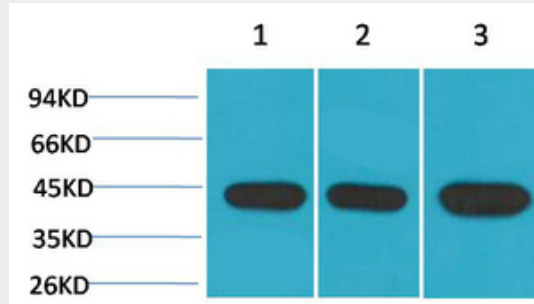
**$\alpha$ -SMA Monoclonal Antibody(1E12) - Protocols**

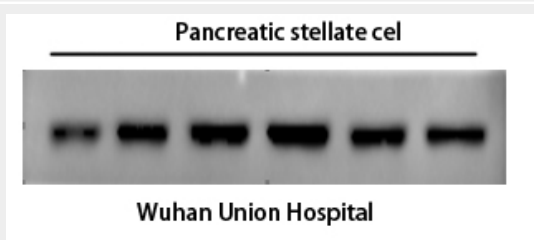
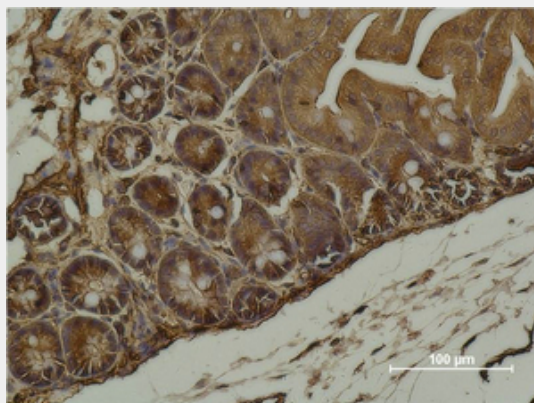
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)

- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### $\alpha$ -SMA Monoclonal Antibody(1E12) - Images





#### **$\alpha$ -SMA Monoclonal Antibody(1E12) - Background**

Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.