

**SMA**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80141**

## Specification

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### SMA - Product info

|                   |                        |
|-------------------|------------------------|
| Application       | <b>IHC-P</b>           |
| Primary Accession | <a href="#">P62736</a> |
| Reactivity        | <b>Human</b>           |
| Host              | <b>Mouse</b>           |
| Clonality         | <b>Monoclonal</b>      |
| Calculated MW     | <b>42009</b>           |

### SMA - Additional info

|           |              |
|-----------|--------------|
| Gene ID   | <b>59</b>    |
| Gene Name | <b>ACTA2</b> |

#### Other Names

Actin, aortic smooth muscle, 3.6.4.-, Alpha-actin-2, Cell growth-inhibiting gene 46 protein, Actin, aortic smooth muscle, intermediate form, ACTA2, ACTSA, ACTVS

#### Dilution

IHC-P~~Ready-to-use

#### Storage

Maintain refrigerated at 2-8°C

#### Precautions

**SMA Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

### SMA - Protein Information

**Name** ACTA2

**Synonyms**

**Function**

**ACTSA, ACTVS**

**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.**

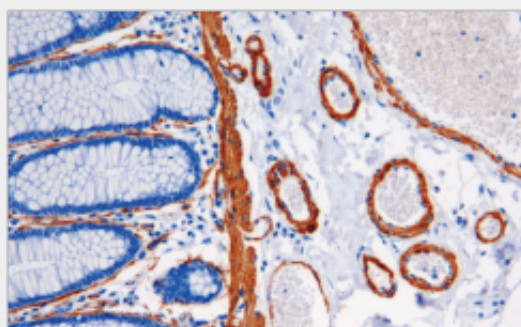
### SMA - Protocols

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

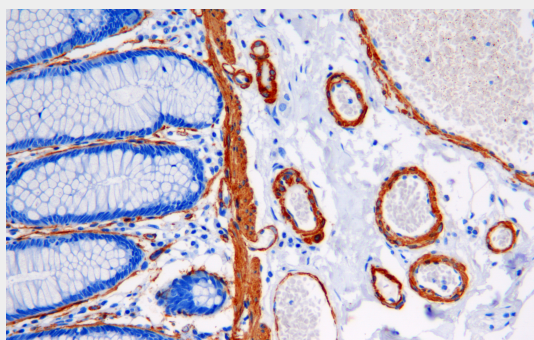
- [Western Blot](#)
- [Blocking Peptides](#)

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

## SMA - Images



Colon cancer



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using AD80273 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.