

SMA**Mouse Monoclonal antibody(Mab)****Catalog # AD80141****Specification****SMA - Product info**

Application	IHC-P
Primary Accession	P62736
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	42009

SMA - Additional info

Gene ID	59
Gene Name	ACTA2

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****Cellular Location****ACTSA, ACTVS**

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

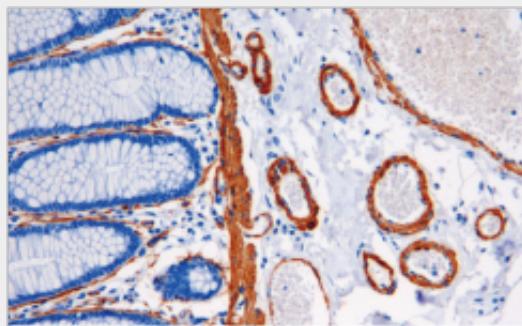
Cytoplasm, cytoskeleton.

SMA - Protocols

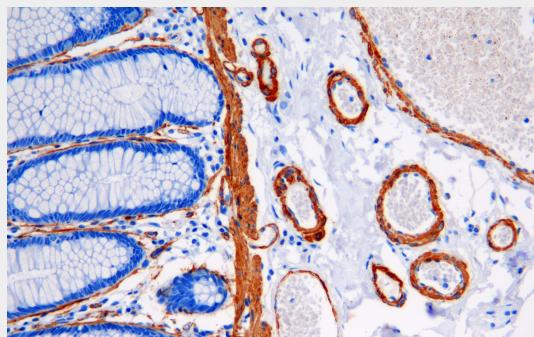
Provided below are standard protocols that you may find useful for product applications.

- [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 (pH 6.0). 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.