

SMA

Mouse Monoclonal antibody(Mab) Catalog # AD80141

Specification

SMA - Product info

Application **Primary Accession** Reactivity Host Clonality Calculated MW

P62736 Human Mouse **Monoclonal** 42009

IHC-P

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 **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. Cytoplasm, cytoskeleton.

Cellular Location

SMA - Protocols

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

- Western Blot
- Blocking Peptides



- <u>Dot Blot</u>
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

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. AmpSeeTM Detection Systems[Abcepta:AR005] was used as the secondary antibody.