

ACTA2 / Smooth Muscle Actin Antibody (clone 1H8)
Mouse Monoclonal Antibody
Catalog # ALS16413**Specification**

ACTA2 / Smooth Muscle Actin Antibody (clone 1H8) - Product Information

Application	IHC, WB, IF
Primary Accession	P62736
Reactivity	Human, Mouse, Rat, Monkey
Host	Mouse
Clonality	Monoclonal
Calculated MW	42kDa KDa

ACTA2 / Smooth Muscle Actin Antibody (clone 1H8) - Additional Information**Gene ID** 59**Other Names**

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

Target/Specificity

Human ACTA2 / Smooth Muscle Actin

Reconstitution & Storage

Long term: -20°C; Short term: +4°C; Avoid freeze-thaw cycles.

Precautions

ACTA2 / Smooth Muscle Actin Antibody (clone 1H8) is for research use only and not for use in diagnostic or therapeutic procedures.

ACTA2 / Smooth Muscle Actin Antibody (clone 1H8) - 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

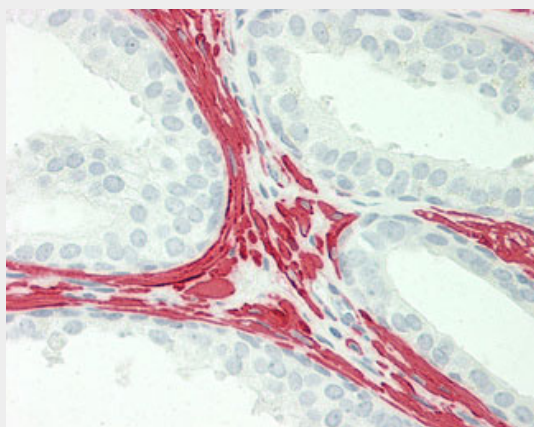
Cytoplasm, cytoskeleton.

ACTA2 / Smooth Muscle Actin Antibody (clone 1H8) - Protocols

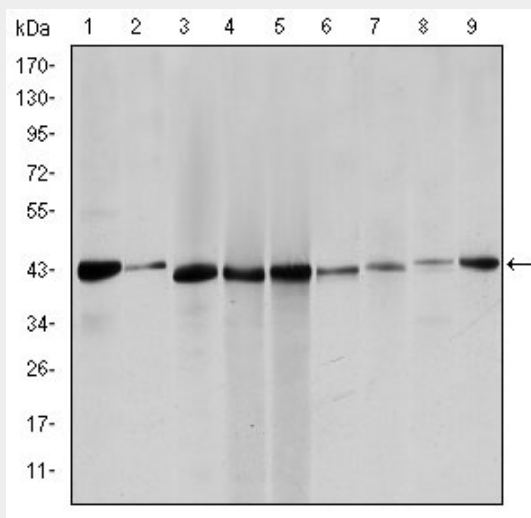
Provided below are standard protocols that you may find useful for product applications.

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

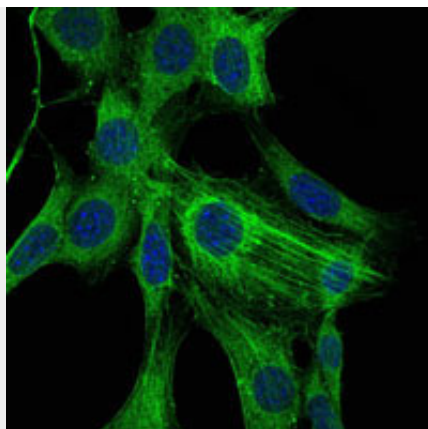
ACTA2 / Smooth Muscle Actin Antibody (clone 1H8) - Images



Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western blot using ACTA2 mouse monoclonal antibody against HeLa (1), Jurkat (2), HepG2 (3),...



Immunofluorescence of NIH/3T3 cells using ACTA2 mouse monoclonal antibody (green).

ACTA2 / Smooth Muscle Actin Antibody (clone 1H8) - Background

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

ACTA2 / Smooth Muscle Actin Antibody (clone 1H8) - References

- Kamada S.,et al.Nucleic Acids Res. 17:1767-1767(1989).
Reddy S.,et al.J. Biol. Chem. 265:1683-1687(1990).
Kim J.W.,et al.Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).