9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

44-1093: Anti-Actin, Smooth Muscle Monoclonal Antibody (Clone:IHC506)

Clonality :	Monoclonal
Clone Name :	IHC506
Application :	IHC
Reactivity :	Human
Gene :	ACTA2
Gene ID :	59
Uniprot ID :	P62736
Format :	Purified
Alternative Name :	ACTA2, ACTSA, ACTVS, GIG46, Alpha-actin-2, Cell growth-inhibiting gene 46 protein

Description

Actin is part of the cytoskeletal system of all cell types. Smooth Muscle Actin is found in myofibroblasts and myoepithelium, but not in cardiac and skeletal muscles. Labelling of smooth muscle actin in concert with muscle specific actin staining can allow for differentiation between rhabdomyosarcoma and leiomyosarcoma, as Muscle specific actin is found in rhabdomyoblasts, while smooth muscle actin is found in leiomyosarcomas.

Product Info

Amount :	0.1 ml / 1 ml
Purification :	Protein A/G Chromatography
Storage condition :	Store at 2°C - 8°C.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

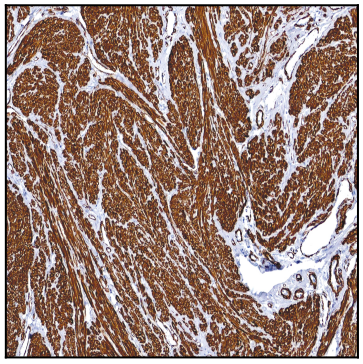


Figure 1: Immunohistochemical analysis of Actin, Smooth Muscle (IHC506) on Small Intestine

For Research Use Only. Not for use in diagnostic/therapeutics procedures.