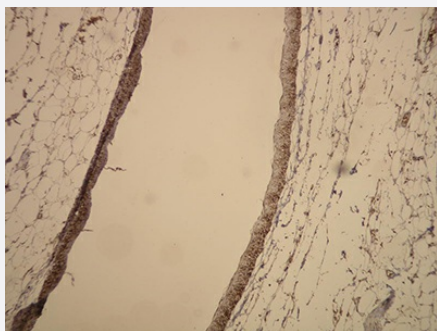


ACTB monoclonal antibody, clone S12-I

Catalog # MAB23252

Size 7 mL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human mesenteric vein with ACTB monoclonal antibody, clone S12-I (Cat # MAB23252).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human ACTB.
Immunogen	A synthetic peptide corresponding to C-terminus of human ACTB.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Immunoaffinity purification
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:300) The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl, pH 8.0
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human mesenteric vein with ACTB monoclonal antibody, clone S12-I (Cat # MAB23252).

Gene Info — ACTB

Entrez GeneID [60](#)

Protein Accession# [P60709](#)

Gene Name ACTB

Gene Alias PS1TP5BP1

Gene Description actin, beta

Omim ID [102630](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, and integrity. This actin is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins. [provided by RefSeq]

Other Designations PS1TP5-binding protein 1|actin, cytoplasmic 1|beta actin|beta cytoskeletal actin

Pathway

- [Adherens junction](#)
- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Focal adhesion](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Leukocyte transendothelial migration](#)
- [Pathogenic Escherichia coli infection - EHEC](#)
- [Regulation of actin cytoskeleton](#)
- [Tight junction](#)

- [Vibrio cholerae infection](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)