
Myosin (Smooth Muscle) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251704

Unit: 0.1 mg

Description:

Myosins comprise a family of ATP-dependent motor proteins and are best known for their role in muscle contraction and their involvement in a wide range of other eukaryotic motility processes. Myosin heavy chains are the myosin type responsible for muscle contraction in muscle cells. Defects in MYH11 are the cause of aortic aneurysm familial thoracic type 4 (AAT4); also known as familial thoracic aortic aneurysm and dissection (TAAD). Aneurysms and dissections of the aorta usually result from degenerative changes in the aortic wall.

Isotype: Mouse IgG

Applications: E, WB, IHC, IP

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Myosin (smooth muscle); Myosin-11; Myosin heavy chain 11; Myosin heavy chain, smooth muscle isoform; SMMHC; MYH11

Accession No.: P35749

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human myosin heavy chain.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.