
Myosin (smooth) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251772

Unit: 0.1 mg

Description:

Myosin is a hexameric protein involved in muscle contraction, which consists of two heavy chains (200kDa), and four light chains (20kDa): two phosphorylated regulatory subunits (MLC2) and two non-phosphorylated subunits (alkali or MLC1 and MLC3 types). Myosin (smooth) (myosin heavy chain, smooth muscle isoform, also called MYH11) is mapped to the region 16p13.13-p13.12. Defects in MYH11 are the cause of familial aortic aneurysm thoracic type 4 (AAT4 or TAAD).

Isotype: Mouse IgG1

Applications: E, WB, IHC

Species Reactivity: H, M, R, Ck, Rb

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 2% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

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

Accession No.: P35749

Antigen: Human uterus smooth muscle extract.

Application Notes: E: 1:1,000-1:2,000; WB: 1:1,000-1:2,000; IHC: 1:200-1:1,000

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.