

A22339

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## SMMHC/MYH11 Rabbit mAb

Catalog No.: A22339

Recombinant

### Basic Information

#### Observed MW

251kDa

#### Calculated MW

227kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, ELISA

#### Cross-Reactivity

Human, Mouse, Rat

#### CloneNo number

ARC51916

### Background

The protein encoded by this gene is a smooth muscle myosin belonging to the myosin heavy chain family. The gene product is a subunit of a hexameric protein that consists of two heavy chain subunits and two pairs of non-identical light chain subunits. It functions as a major contractile protein, converting chemical energy into mechanical energy through the hydrolysis of ATP. A chromosomal rearrangement involving this gene is associated with acute myeloid leukemia of the M4Eo subtype. Mutations in this gene are associated with visceral myopathy, megacystis-microcolon-intestinal hypoperistalsis syndrome 2, and familial thoracic aortic aneurysm 4.

### Recommended Dilutions

WB 1:500 - 1:1000

### Immunogen Information

#### Gene ID

4629

#### Swiss Prot

P35749

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1160-1313 of human SMMHC/MYH11 (NP\_002465.1).

#### Synonyms

AAT4; FAA4; SMHC; SMMHC; VSCM2; SMMS-1; SMMHC/MYH11

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data

