



# Myosin Heavy Chain, Smooth Muscle (SMMHC) (PT0275R) rabbit mAb

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| □□   | YP-Ab-18155                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| □□□  | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| □□   | IHC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| □□   | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| □□   | Myosin Heavy Chain, Smooth Muscle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| □□   | >>Vascular smooth muscle contraction;>>Tight junction;>>Regulation of actin cytoskeleton;>>Pathogenic Escherichia coli infection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| □□□□ | MYH11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| □□□  | Synthesized peptide derived from human Myosin Heavy Chain, Smooth Muscle AA range:300-400                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| □□□  | This antibody detects endogenous levels of Myosin Heavy Chain, Smooth Muscle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| □□   | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| □□   | Monoclonal, Rabbit IgG1, Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| □□   | Ready to use for IHC Note:For IHC,wesuggest antigen retrieval with TE buffer pH 9.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| □□□□ | Recombinant Expression and Affinity purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| □□□□ | AAT4;DKFZp686D1126;DKFZp686D19237;FAA4;FLJ35232;MGC126726;MGC32963;MYH 11;MYH11;MYH11_HUMAN;Myosin 11;Myosin heavy chain 11;Myosin heavy chain 11 smooth muscle;Myosin heavy chain;Myosin heavy chain smooth muscle isoform;Myosin heavy polypeptide 11 smooth muscle;Myosin-11;SMHC;SMMHC;smooth muscle isoform;Smooth muscle myosin heavy chain 11 isoform SM2;Smooth muscle myosin heavy chain isoform SM2;Smooth Muscle;DKFZp686D10126                                                                                                                                                                                                                                                                                                                                                                   |
| □□□  | 227 kDa; 227kD(Calculated).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| □□   | disease:A chromosomal aberr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| □□   | 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. The gene encoding a human ortholog of rat NUDE1 is transcribed from the reverse strand of this gene, and its 3' end overlaps with that of the latter. The pericentric inversion of chromosome 16 [inv(16)(p13q22)] produces a chimeric transcript that encodes a protein consisting of the first 165 residues from the N terminus of core-binding factor beta in a fusion with the C-terminal portion of the smooth |

muscle myosin heavy chain. This chromosomal rearrangement is associated with acute myeloid leukemia of the M4Eo subtype. Alter b y p

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1 mg/ml

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-15°C to -25°C/1 year(Do not lower than -25°C)

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Avoid repeated freezing and thawing!

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This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

### Products Images