

## Antibodies Product Datasheet

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| <b>Product Name:</b>            | Anti-Human Actin, Smooth Muscle (ABT-SMA) Mouse Monoclonal Antibody                                                                                                                                                                                                                                                      |
| <b>Catalog Number:</b>          | V0004                                                                                                                                                                                                                                                                                                                    |
| <b>Clone ID:</b>                | ABT-SMA                                                                                                                                                                                                                                                                                                                  |
| <b>Reactivity:</b>              | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                        |
| <b>Applications:</b>            | IHC                                                                                                                                                                                                                                                                                                                      |
| <b>Application Dilutions</b>    | IHC 1:100-200                                                                                                                                                                                                                                                                                                            |
| <b>Modification:</b>            | Unmodified/ Total                                                                                                                                                                                                                                                                                                        |
| <b>Source:</b>                  | Monoclonal Mouse                                                                                                                                                                                                                                                                                                         |
| <b>UniProt:</b>                 | ACTA2/ACTG2                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name:</b>               | P62736/P63267                                                                                                                                                                                                                                                                                                            |
| <b>Other Name:</b>              | a actin, AAT6, ACTA, ACT, ACTA3, ACTE, ACTG2, ACTH_HUMAN, Actin, Actin gamma 2 smooth muscle enteric, Actin gamma enteric smooth muscle, Actin like protein, ACTL3, ACTSG, Alpha actin 3, Alpha-actin-3, Gamma 2 actin, Gamma-2-actin, gamma-enteric smooth muscle, Smooth muscle gamma actin, Smooth muscle gamma-actin |
| <b>Isotype</b>                  | IgG2a, Kappa                                                                                                                                                                                                                                                                                                             |
| <b>Localization:</b>            | Colon/ Appendix                                                                                                                                                                                                                                                                                                          |
| <b>Positive Tissue Control:</b> | Cytoplasmic                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>                | Synthetic peptide                                                                                                                                                                                                                                                                                                        |
| <b>Purification</b>             | Immunogen affinity purified                                                                                                                                                                                                                                                                                              |
| <b>Formulation:</b>             | PBS, pH7.4, 50% glycerol, 0.03%Proclin300                                                                                                                                                                                                                                                                                |
| <b>Specificity:</b>             | The antibody can specifically recognize smooth muscle actin and shows no reaction with actin of skeletal muscle or cardiac muscle.                                                                                                                                                                                       |
| <b>Storage and Stability:</b>   | -20°C/1 year                                                                                                                                                                                                                                                                                                             |