

## Mouse ACTA2 Monoclonal Antibody | anti-ACTA2 antibody

ACTA2 Monoclonal Antibody

| CATALOG # | HOST  | REACTIVITY        | APPLICATIONS                              |
|-----------|-------|-------------------|-------------------------------------------|
| AAA243606 | Mouse | Human, Mouse, Rat | Immunohistochemistry, Western Blot, ELISA |

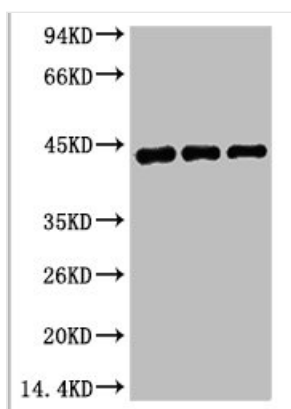
### PRODUCT SYNONYMS

ACTA2; Monoclonal Antibody; ACTA2 Monoclonal Antibody; Actin; aortic smooth muscle; anti-ACTA2 antibody

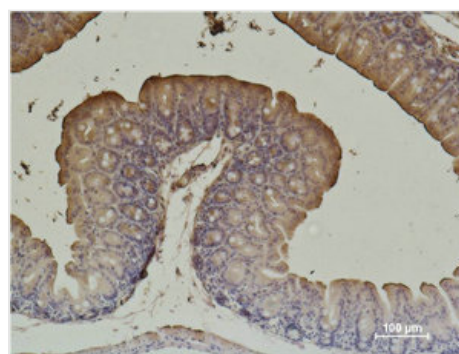
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                               |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                                                         |
| Reactivity                                      | Human, Mouse, Rat                                                                                             |
| Clonality                                       | Monoclonal                                                                                                    |
| Isotype                                         | IgG                                                                                                           |
| Purity/Purification                             | Affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.                     |
| Form/Format                                     | Liquid; In Phosphate Buffered Saline, pH 7.4, Containing 0.02% Sodium Azide as Preservative and 50% Glycerol. |
| Applicable Applications for anti-ACTA2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                                                          |
| Immunogen                                       | Synthetic Peptide                                                                                             |
| Immunogen Species                               | Human                                                                                                         |
| Conjugate                                       | Non-conjugated                                                                                                |
| Preparation and Storage                         | Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.                                   |

### IMAGES


**WB (Western Blot)**

Western blot analysis of 1) Hela, 2) 3T3, 3) Rat Brain using alpha-SMA Monoclonal Antibody.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Mouse Cecal Tissue using alpha-SMA Monoclonal Antibody.

### ADDITIONAL INFORMATION

|                                                   |                     |
|---------------------------------------------------|---------------------|
| Product Categories/Family for anti-ACTA2 antibody | Signal Transduction |
|---------------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| NCBI GI #                        | 119570540                                                                                |
| NCBI GeneID                      | 59                                                                                       |
| UniProt Accession #              | P62736; P03996; P04108; Q6FI19; B2R8A4                                                   |
| Molecular Weight                 | 42,009 Da                                                                                |
| NCBI Official Full Name          | actin, alpha 2, smooth muscle, aorta, isoform CRA_a                                      |
| NCBI Official Synonym Full Names | actin, alpha 2, smooth muscle, aorta                                                     |
| NCBI Official Symbol             | ACTA2                                                                                    |
| NCBI Official Synonym Symbols    | AAT6; ACTSA; MYMY5                                                                       |
| NCBI Protein Information         | actin, aortic smooth muscle; alpha-cardiac actin; cell growth-inhibiting gene 46 protein |
| UniProt Protein Name             | Actin, aortic smooth muscle                                                              |
| UniProt Gene Name                | ACTA2                                                                                    |
| UniProt Synonym Gene Names       | ACTSA; ACTVS                                                                             |
| UniProt Entry Name               | ACTA_HUMAN                                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/acta2-antibody-immunohistochemistry-western-blot-elisa/243606>