

## Product Datasheet

### $\alpha$ -SMA rabbit pAb (orb766658)

|                             |                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb766658                                                                                                                               |
| <b>Category</b>             | Antibodies                                                                                                                              |
| <b>Description</b>          | Rabbit polyclonal antibody to ACTA2                                                                                                     |
| <b>Clonality</b>            | Polyclonal                                                                                                                              |
| <b>Isotype</b>              | IgG                                                                                                                                     |
| <b>Conjugation</b>          | Unconjugated                                                                                                                            |
| <b>Reactivity</b>           | Human, Mouse, Rat                                                                                                                       |
| <b>Concentration</b>        | 1 mg/ml                                                                                                                                 |
| <b>Buffer/Preservatives</b> | PBS with 0.02% sodium azide and 50% glycerol pH 7.4.                                                                                    |
| <b>Purification</b>         | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                   |
| <b>Immunogen</b>            | Synthesized peptide derived from the N-terminal region of human $\alpha$ -SMA. AA range: 84-134                                         |
| <b>MW</b>                   | 42                                                                                                                                      |
| <b>Tested applications</b>  | ELISA, IHC-P, WB                                                                                                                        |
| <b>Dilution range</b>       | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.                |
| <b>Source</b>               | Rabbit                                                                                                                                  |
| <b>Storage</b>              | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |

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**Note**

For research use only

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