

## Product Datasheet

### mTOR(Ab-2448) Antibody (orb2628017)

|                             |                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb2628017                                                                                   |
| <b>Category</b>             | Antibodies                                                                                   |
| <b>Description</b>          | Peptide sequence around aa. 2446~2450 (T-D-S-Y-S) derived from Human mTOR.                   |
| <b>Target</b>               | Disease                                                                                      |
| <b>Clonality</b>            | Polyclonal                                                                                   |
| <b>Species/Host</b>         | Rabbit                                                                                       |
| <b>Isotype</b>              | Rabbit IgG                                                                                   |
| <b>Conjugation</b>          | Unconjugated                                                                                 |
| <b>Reactivity</b>           | Human, Mouse, Rat                                                                            |
| <b>Concentration</b>        | Approximately 1mg/ml (varies from batch to batch). Please inquire for precise concentration. |
| <b>Buffer/Preservatives</b> | Purified antibody in PBS with 0.05% sodium azide.                                            |
| <b>Immunogen</b>            | Peptide sequence around aa. 2446~2450 (T-D-S-Y-S) derived from Human mTOR.                   |
| <b>UniProt ID</b>           | <b>P42345</b>                                                                                |
| <b>MW</b>                   | 289kDa                                                                                       |
| <b>Tested applications</b>  | IF, IHC, WB                                                                                  |
| <b>Dilution range</b>       | WB: 1/500-1/1000; IHC: 1/50-1/100; IF/ICC: 1/100-1/200                                       |

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|                        |                                                                                                                                         |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Antibody Type</b>   | Primary Antibody                                                                                                                        |
| <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. |
| <b>Note</b>            | For research use only                                                                                                                   |
| <b>Entrez</b>          | <b>2475</b>                                                                                                                             |
| <b>Expiration Date</b> | 12 months from date of receipt.                                                                                                         |

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