

## Product Datasheet

### Anti-PARP/PARP1 Antibody (monoclonal, 10G9) (orb2602985)

|                            |                                                                                                                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Anti-PARP/PARP1 Antibody (monoclonal, 10G9). Tested in Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human, Mouse, Rat.                                                                                                                                                         |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                                                                                                                                          |
| <b>Conjugation</b>         | PE                                                                                                                                                                                                                                                                                                         |
| <b>Tested Applications</b> | FC, ICC, IF, IHC, WB                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>           | E.coli-derived human PARP recombinant protein (Position: Q670-R858). Human PARP shares 94% and 95% amino acid (aa) sequence identity with mouse and rat PARP, respectively.                                                                                                                                |
| <b>Form/Appearance</b>     | Lyophilized                                                                                                                                                                                                                                                                                                |
| <b>Concentration</b>       | Adding 0.2 ml of distilled water will yield a concentration of 500 µg/ml.                                                                                                                                                                                                                                  |
| <b>Storage</b>             | Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.                                                                                                      |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                                                                      |
| <b>Application notes</b>   | Western blot, 0.1-0.25µg/ml, Human, Mouse, Rat Immunohistochemistry (Paraffin-embedded Section), 2-5µg/ml, Human Immunocytochemistry/Immunofluorescence, 5µg/ml, Human Flow Cytometry (Fixed), 1-3µg/1x10 <sup>6</sup> cells, Human. Add 0.2 ml of distilled water will yield a concentration of 500 ug/ml |
| <b>Isotype</b>             | Mouse IgG2b                                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                                                                                                                                 |

#### Biorbyt Ltd.

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

#### Biorbyt LLC.

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

|                        |                                 |
|------------------------|---------------------------------|
| <b>Clone Number</b>    | 10G9                            |
| <b>Antibody Type</b>   | Primary Antibody                |
| <b>MW</b>              | 113 kDa                         |
| <b>Uniprot ID</b>      | <b>P09874</b>                   |
| <b>Expiration Date</b> | 12 months from date of receipt. |

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7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

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Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)