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| <b>Product name:</b>     | PARP2 Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Cat number:</b>       | MABN84198                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Size:</b>             | 100μL                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Immunogen:</b>        | A synthesized peptide derived from human PARP 2                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications:</b>     | WB 1:1000-1:2000, ICC 1:50-1:200, FC 1:20-1:100                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Weight:</b> | 66 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide, 0.05% BSA and 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Background:</b>       | <p>Poly-ADP-ribosyltransferase that mediates poly-ADP-ribosylation of proteins and plays a key role in DNA repair. Mediates glutamate, aspartate or serine ADP-ribosylation of proteins: the ADP-D-ribosyl group of NAD<sup>+</sup> is transferred to the acceptor carboxyl group of target residues and further ADP-ribosyl groups are transferred to the 2'-position of the terminal adenosine moiety, building up a polymer with an average chain length of 20-30 units.</p> |