

|                          |                                                                                                                                                                                                                                                                            |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | SHP1 Mouse Monoclonal Antibody                                                                                                                                                                                                                                             |
| <b>Cat number:</b>       | MABN85001                                                                                                                                                                                                                                                                  |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                               |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                                      |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                                 |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                                     |
| <b>Host:</b>             | Mouse                                                                                                                                                                                                                                                                      |
| <b>Isotype:</b>          | Mouse IgG2a                                                                                                                                                                                                                                                                |
| <b>Immunogen:</b>        | Purified recombinant human SHP-1 protein fragments expressed in E.coli.                                                                                                                                                                                                    |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                      |
| <b>Applications:</b>     | WB 1:500-1:1000,IP 1:10-1:20                                                                                                                                                                                                                                               |
| <b>Molecular Weight:</b> | Calculated MW: 68 kDa; Observed MW: 68 kDa                                                                                                                                                                                                                                 |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                      |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                     |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide,0.5%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>       | The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. |