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| <b>Product name:</b>     | Phospho-CD3 zeta (Tyr142) Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Cat number:</b>       | MABN84857                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <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 synthetic phosphopeptide corresponding to residues surrounding Tyr142 of human CD3 zeta                                                                                                                                                                                                                                                                                                                                         |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Applications:</b>     | WB 1:500-1:1000, IP 1:10-1:20                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Molecular Weight:</b> | Calculated MW: 19 kDa; Observed MW: 19 kDa                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Buffer:</b>           | Purified antibody in TBS 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>       | Defects in CD3D are a cause of severe combined immunodeficiency autosomal recessive T-cell-negative/B-cell-positive/NK-cell-positive (T(-)/B(+)/NK(+)) SCID [MIM:608971]. A form of severe combined immunodeficiency (SCID), a genetically and clinically heterogeneous group of rare congenital disorders characterized by impairment of both humoral and cell-mediated immunity, leukopenia, and low or absent antibody levels. |