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| <b>Product name:</b>     | MLH1 (4C1) Mouse Monoclonal Antibody   |
| <b>Cat number:</b>       | MABN03564  |
| <b>Conjugate:</b>        | Unconjugated   |
| <b>Size:</b>             | 100µL  |
| <b>Clone:</b>            | Monoclonal   |
| <b>Concentration:</b>    | 1mg/ml   |
| <b>Host:</b>             | Mouse  |
| <b>Isotype:</b>          | IgG1   |
| <b>Immunogen:</b>        | A synthetic peptide of human MLH1  |
| <b>Reactivity:</b>       | Human,Monkey   |
| <b>Applications:</b>     | WB 1:500-1:1000,ICC/IF 1:50-1:200  |
| <b>Molecular Weight:</b> | Calculated MW: 85 kDa; Observed MW: 85 kDa   |
| <b>Purification:</b>     | Ascitic Fluid  |
| <b>Form:</b>             | Liquid   |
| <b>Buffer:</b>           | Ascitic fluid containing 0.03% sodium azide.   |
| <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>       | This gene was identified as a locus frequently mutated in hereditary nonpolyposis colon cancer (HNPCC). It is a human homolog of the E. coli DNA mismatch repair gene mutL, consistent with the characteristic alterations in microsatellite sequences (RER+ phenotype) found in HNPCC. Alternatively spliced transcript variants encoding different isoforms have been described, but their full-length natures have not been determined. |