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| Product name: | MTHFR Mouse Monoclonal Antibody |
| Cat number: | MABN80981 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Mouse |
| Isotype: | Mouse IgG1 |
| Immunogen: | Purified recombinant fragment of human MTHFR expressed in E. Coli. |
| Reactivity: | Human,Rat |
| Applications: | WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000 |
| Molecular Weight: | 75kDa |
| Purification: | Affinity Purification |
| Form: | Liquid |
| Buffer: | Ascitic fluid containing 0.03% sodium azide. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | The protein encoded by this gene catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine. Genetic variation in this gene influences susceptibility to occlusive vascular disease, neural tube defects, colon cancer and acute leukemia, and mutations in this gene are associated with methylenetetrahydrofolate reductase deficiency. |