

| | |
|--------------------------|--|
| Product name: | EpCAM (1D5) Mouse Monoclonal Antibody |
| Cat number: | MABN03641 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Mouse |
| Isotype: | IgG1 |
| Immunogen: | A synthetic peptide of human EpCAM |
| Reactivity: | Human |
| Applications: | WB 1:500-1:1000,IP 1:20-1:50 |
| Molecular Weight: | Calculated MW: 35 kDa; Observed MW: 39 kDa |
| Purification: | Affinity Purification |
| Form: | Liquid |
| Buffer: | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E. |