

|                          |                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | EpCAM Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Cat number:</b>       | MABN85542                                                                                                                                                                                                                                                                                                                                                                                          |
| <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>        | Recombinant protein of human EpCAM                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications:</b>     | WB 1:500-1:1000, IHC 1:50-1:100, ICC 1:50-1:200, IP 1:10-1:20                                                                                                                                                                                                                                                                                                                                      |
| <b>Molecular Weight:</b> | Calculated MW: 35 kDa; Observed MW: 35,39 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>       | 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. |