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| <b>Product name:</b>     | EpCAM Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Cat number:</b>       | MABN21500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <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,Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen:</b>        | A synthetic peptide of human EpCAM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity:</b>       | Human,Mouse,Rat,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications:</b>     | WB 1:1000-1:5000,IHC 1:200-1:1000,ICC/IF 1:200-1:1000,ELISA<br>1:5000-1:20000,IP 1:50-1:200                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Molecular Weight:</b> | Calculated MW:35kD;Observed MW:40kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purification:</b>     | Protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Buffer:</b>           | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <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>       | Cell localization:Membrane.This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy. [provided by RefSeq, Dec 2008], |