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| <b>Product name:</b>     | MUC1 (8S2) Rabbit Monoclonal Antibody  |
| <b>Cat number:</b>       | MABN14225  |
| <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>        | A synthetic peptide of human MUC1  |
| <b>Reactivity:</b>       | Human,Mouse,Rat  |
| <b>Applications:</b>     | WB 1:500-1:2000,IHC 1:20-1:500,ICC/IF 1:100-1:200,FC 1:20-1:50,IP 1:20-1:50  |
| <b>Molecular Weight:</b> | 122kDa   |
| <b>Purification:</b>     | Affinity purification  |
| <b>Form:</b>             | Liquid   |
| <b>Buffer:</b>           | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 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>       | This gene is a member of the mucin family and encodes a membrane bound, glycosylated phosphoprotein. This protein is anchored to the apical surface of many epithelia by a transmembrane domain, with the degree of glycosylation varying with cell type. The protein serves a protective function, binding to pathogens, as well as functioning in a cell signaling capacity. The alpha subunit has cell adhesive properties. Can act both as an adhesion and an anti-adhesion protein. May provide a protective layer on epithelial cells against bacterial and enzyme attack. |