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| <b>Product name:</b>     | MUC4 Rabbit Monoclonal Antibody                                                                                                                                                                                                                                                                                           |
| <b>Cat number:</b>       | MABN83995                                                                                                                                                                                                                                                                                                                 |
| <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 synthesized peptide derived from human Mucin 4                                                                                                                                                                                                                                                                          |
| <b>Reactivity:</b>       | Human                                                                                                                                                                                                                                                                                                                     |
| <b>Applications:</b>     | WB 1:1000-1:2000                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Weight:</b> | Calculated MW: 542 kDa ; Observed MW: 120 kDa                                                                                                                                                                                                                                                                             |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                                                                                     |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                                                                                    |
| <b>Buffer:</b>           | Purified antibody in PBS 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>       | Membrane-bound mucin, a family of highly glycosylated proteins that constitute the major component of the mucus, the slimy and viscous secretion covering epithelial surfaces. These glycoproteins play important roles in the protection of the epithelium and are implicated in epithelial renewal and differentiation. |