

bs-1018R**[Primary Antibody]**

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MUC1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 4582 Target: MUC1 Immunogen: KLH conjugated synthetic peptide derived from human Muc1: 151-250/1255. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: MUC1 is a large cell surface mucin glycoprotein expressed by most glandular and ductal epithelial cells and some hematopoietic cell lineages. It is expressed on most secretory epithelium, including mammary gland and some hematopoietic cells. It is expressed abundantly in lactating mammary glands and overexpressed abundantly in >90% breast carcinomas and metastases. Transgenic MUC1 has been shown to associate with all four ceBB receptors and localize with erbB1 (EGFR) in lactating glands. The MUC1 gene contains seven exons and produces several different alternatively spliced variants. The major expressed form of MUC1 uses all seven exons and is a type 1 transmembrane protein with a large extracellular tandem repeat domain. The tandem repeat domain is highly O glycosylated and alterations in glycosylation have been shown in epithelial cancer cells.	Isotype: IgG SWISS: P15941	Applications: ELISA (1:5000-10000) Reactivity: Human Predicted MW.: 136 kDa Subcellular Location: Secreted ,Cell membrane ,Cytoplasm ,Nucleus
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— SELECTED CITATIONS —

- **[IF=5.201]** Yu-fei Chen. et al. Promotion of Bronchopulmonary Dysplasia Progression Using Circular RNA circabcc4 via Facilitating PLA2G6 Expression by Sequestering miR-663a. Front Cell Dev Biol. 2020; 8: 585541 WB,IHC ;Rat. 33195232