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MUC1 Rabbit mAb

货号: **AYM29568**

产品信息

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|-------|--|
| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC IF/ICC IP FC |
| 推荐浓度 | WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 IP: 1:20 - 1:50 FC: 1:20 - 1:50 |
| 理论分子量 | 10-29kDa/103kDa/121-122kDa |
| 实测分子量 | 25kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | MCF7,OVCAR3,BxPC-3,Mouse lung,Rat lung |
| 细胞定位 | Apical cell membrane,Cell membrane,Cytoplasm,Nucleus,Secreted,Single-pass type I membrane protein |
| 纯化 | Affinity purification |

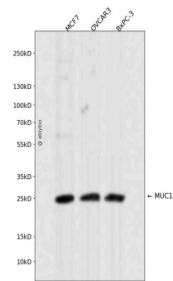
抗原信息

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|------|---|
| 抗原信息 | Recombinant fusion protein corresponding to Human MUC1. |
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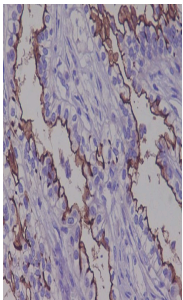
靶点信息

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| 研究背景 | This gene encodes a membrane-bound protein that is a member of the mucin family. Mucins are O-glycosylated proteins that play an essential role in forming protective mucous barriers on epithelial surfaces. These proteins also play a role in intracellular signaling. This protein is expressed on the apical surface of epithelial cells that line the mucosal surfaces of many different tissues including lung, breast stomach and pancreas. This protein is proteolytically cleaved into alpha and beta subunits that form a heterodimeric complex. The N-terminal alpha subunit functions in cell-adhesion and the C-terminal beta subunit is involved in cell signaling. Overexpression, aberrant intracellular localization, and changes in glycosylation of this protein have been associated with carcinomas. This gene is known to contain a highly polymorphic variable number tandem repeats (VNTR) domain. Alternate splicing results in multiple transcript variants. |
| 基因ID | 4582 |
| 基因名 | MUC1 |
| Swiss | P15941 (https://www.uniprot.org/uniprotkb/P15941/entry) |
| 别名 | MUC1,MUC1 Rabbit mAb,Breast carcinoma-associated antigen DF3,Cancer antigen 15-3,Carcinoma-associated mucin,Episialin,H23AG,Krebs von den Lungen-6,PEMT,Peanut-reactive urinary mucin,Polymorphic epithelial mucin,Tumor-associated epithelial membrane antigen |

产品验证



Western blot analysis of MUC1 expressed in MCF7,OVCAR3,BxPC-3 using MUC1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer, using MUC1 Antibody.

实验步骤

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