

Anti-Phospho-Mucin-1/MUC1 (Tyr1243) Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Human,Mouse |
| Conjugation: | Unconjugated |
| Molecular Weight: | Theoretical: 122 kDa. |
| Purification: | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

Applications

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| Application: | ELISA,IF,IHC-P,WB |
| Recommended | IHC-P: 1:100-300; ELISA: 1:20000 |

Properties

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| Stability & Storage: | Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | A synthesized phosphopeptide: human CD227/Mucin 1 around the phosphorylation site of Tyr1243. AA range:1204-1253 |
| Antigen Species: | Human |
| Uniprot ID: | P15941 |
| Synonyms: | p-Mucin-1/MUC1 (Tyr1243);Mucin-1/MUC1 (p-Y1243);p-Mucin-1/MUC1 (Y1243);Mucin-1/MUC1 (p-Tyr1243) |

Research Background

mucin 1, cell surface associated(MUC1) Homo sapiens 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 sp

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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