

## MUC1 antibody

### Product Information

|               |  |
|---------------|--|
| Catalog No.:  | FNab05427  |
| Size:         | 100μg  |
| Form:         | liquid   |
| Purification: | Immunogen affinity purified  |
| Purity:       | ≥95% as determined by SDS-PAGE   |
| Host:         | Rabbit   |
| Clonality:    | polyclonal   |
| Clone ID:     | None   |
| IsoType:      | IgG  |
| Storage:      | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.) |

### Background

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. The beta subunit contains a C-terminal domain which is involved in cell signaling, through phosphorylations and protein-protein interactions. Modulates signaling in ERK, SRC and NF-kappa-B pathways. In activated T-cells, influences directly or indirectly the Ras/MAPK pathway. Promotes tumor progression. Regulates TP53-mediated transcription and determines cell fate in the genotoxic stress response. Binds, together with KLF4, the PE21 promoter element of TP53 and represses TP53 activity.

### Immunogen information

|              |   |
|--------------|---|
| Immunogen:   | mucin 1, cell surface associated  |
| Synonyms:    | Mucin-1 (MUC-1) Breast carcinoma-associated antigen DF3 Cancer antigen 15-3 (CA 15-3) Carcinoma-associated mucin Episialin H23AG Krebs von den Lungen-6 (KL-6) PEMT Peanut-reactive urinary mucin (PUM) Polymorphic epithelial mucin (PEM) Tumor-associated epithelial membrane antigen (EMA) Tumor-associated mucin Mucin-1 subunit alpha (MUC1-NT, MUC1-alpha) Mucin-1 subunit beta (MUC1-beta) Alternative names: MUC1-CT MUC1 PUM |
| Observed MW: | 122 kDa、 23-30 kDa  |
| Uniprot ID : | P15941  |

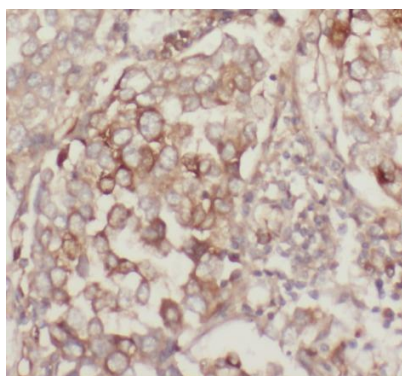
## Application

Reactivity: Human, Mouse, Rat

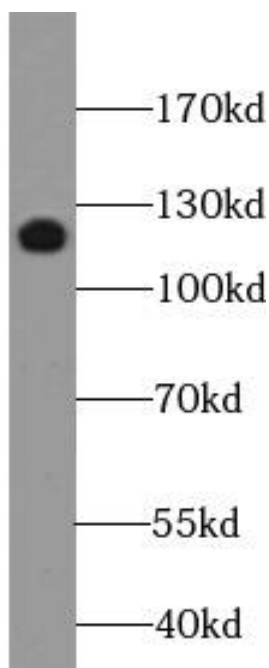
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human lung cancer using FNab05427(CA15-3,MUC1 antibody) at dilution of 1:50



A431 cells were subjected to SDS PAGE followed by western blot with FNab05427(CA15-3,MUC1 antibody) at dilution of 1:1500