

anti- 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 24 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:	CA15 3, CA153, CA15-3, Carcinoma associated mucin, CD227, EMA, Episialin, H23AG, KL-6, MAM6, MUC 1, MUC1, MUC1 beta, MUC1 CT, MUC1 NT, Mucin 1, Peanut reactive urinary mucin, PEM, PEMT, Polymorphic epithelial mucin, PUM, Tumor associated mucin
Observed MW:	122 kDa
Uniprot ID :	P15941

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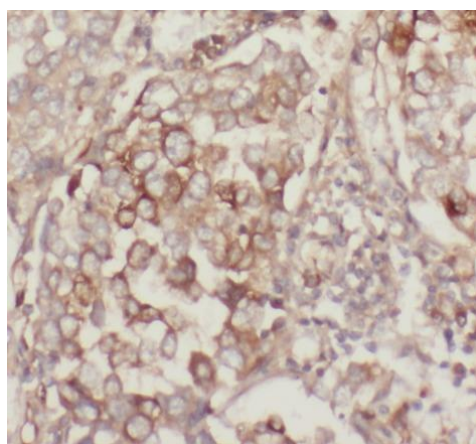
Application

Reactivity: Human

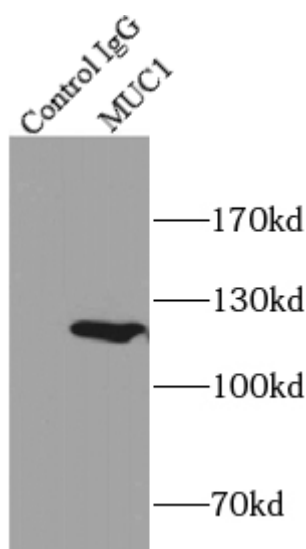
Tested Application: ELISA, WB, FC, IHC, IP

Recommended dilution: WB: 1:500-1:5000; IP: 1:200-1:2000; IHC: 1:20-1:200

Image:



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



IP Result of anti-CA15-3,MUC1 (IP: FNab05427, 4ug; Detection: FNab05427 1:700) with A431 cells lysate 1520ug

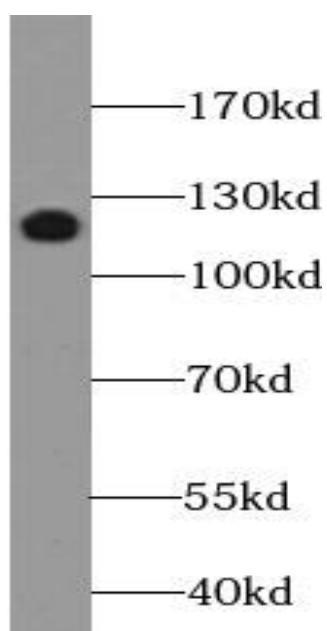
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A431 cells were subjected to SDS PAGE followed by western blot with FNab05427(CA15-3,MUC1 antibody) at dilution of 1:1500