

MUC1 antibody

Product Information

Catalog No.:	FNab05428
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

MUC1 is a type I transmembrane glycoprotein expressed by various epithelial cells of female reproductive tract, lung, breast, kidney, stomach, and pancreas. MUC1 is transcribed as a large precursor gene product, and upon translation, is cleaved in the endoplasmic reticulum, yielding two subunits: the large extracellular N-terminal subunit (MUC1-N, about 120-200 kDa) and the small cytoplasmic C-terminal subunit (MUC1-C, about 23-30 kDa).

Immunogen information

Immunogen:	mucln 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:	23-30 kDa
Uniprot ID :	P15941

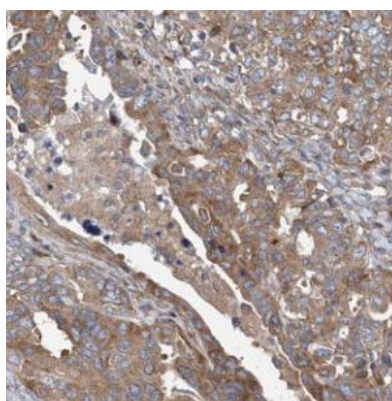
Application

Reactivity: Human

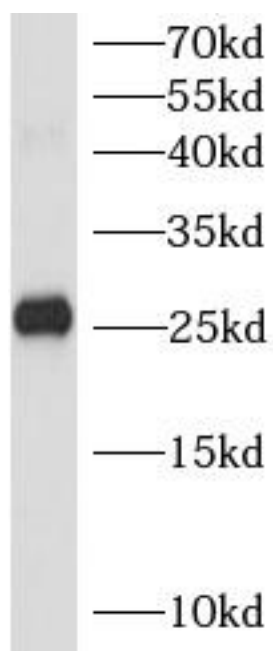
Tested Application: ELISA, FC, IHC, WB

Recommended dilution: WB: 1:500-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human ovary tumor using FNab05428(MUC1 antibody) at dilution of 1:50



MCF7 cells were subjected to SDS PAGE followed by western blot with FNab05428(MUC1 antibody) at dilution of 1:1000