

Product name:	Mucin 1 (phospho Ser1227) Rabbit Polyclonal Antibody
Cat number:	ABN05048
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human MUC1 around the phosphorylation site of Ser1227. AA range:1196-1245
Reactivity:	Human,Rat,Mouse
Applications:	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	MUC1 is a type I transmembrane glycoprotein expressed by various epithelial cells of the 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). Among the known mucins, MUC1 is best studied and plays crucial roles in regulating many cellular properties, including cell proliferation, apoptosis, adhesion, and invasion. MUC1 is overexpressed in a wide range of human epithelial malignancies.