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Antibody type:	Polyclonal Antibody
Applications:	WB
Reactivity:	Human Mouse
Molecular Weight:	122kDa
Immunogen:	Recombinant protein of human MUC1
Gene ID:	4582
Swiss-Prot No.:	P15941
Altername:	ADMCKD;ADMCKD1;CA 15-3;CD227;EMA;H23AG;KL-6;MAM6;MCD;MCKD;MCKD1;MUC-1;MUC-1/SEC;MUC-1/X;MUC1/ZD;PEM;PEMT ;PUM
Source:	Rabbit
Isotype:	IgG
Purification:	Affinity purification
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
	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

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Background:	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 splicing results in multiple transcript variants.
Dilution:	WB 1:1000 - 1:3000
Shipping&Stablity:	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.