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CD227/MUC1 (Phospho-Tyr1229) Antibody

货号: AYP4228

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC ELISA
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	10-29kDa/103kDa/121-122kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,OVCAR3,BxPC-3,Mouse lung,Rat lung
细胞定位	Apical cell membrane,Cell membrane,Cytoplasm,Nucleus,Secreted,Single-pass type I membrane protein
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human CD227/MUC1 (Phospho-Tyr1229).

靶点信息

研究背景	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 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.
基因ID	4582
基因名	MUC1
Swiss	P15941 (https://www.uniprot.org/uniprotkb/P15941/entry)
别名	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,MUC1,CA15-3,mucin-1,CD227/MUC1 (Phospho-Tyr1229) Antibody,Breast carcinoma-associated antigen DF3,Cancer antigen 15-3,Carcinoma-associated mucin,Episialin,Krebs von den Lungen-6,Peanut-reactive urinary mucin,Polymorphic epithelial mucin

产品验证

实验步骤

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