

Mucin 1 (phospho Tyr1229) Polyclonal Antibody

Catalog No: #13696

Package Size: #13696-1 50ul #13696-2 100ul

Description

Product Name	Mucin 1 (phospho Tyr1229) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF/ICC,ELISA
Species Reactivity	Human
Specificity	Phospho-Mucin 1 (Y1229) Polyclonal Antibody detects endogenous levels of Mucin 1 protein only when phosphorylated at Y1229.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human CD227/MUC1 around the phosphorylation site of Tyr1229. AA range:1201-1250
Conjugates	Unconjugated
Other Names	MUC1; PUM; Mucin-1; MUC-1; Breast carcinoma-associated antigen DF3; Carcinoma-associated mucin; Episialin; H23AG; Krebs von den Lungen-6; KL-6; PEMT; Peanut-reactive urinary mucin; PUM; Polymorphic epithelial mucin; PEM; Tumor-associated ep
Accession No.	Swiss Prot:P15941GeneID:4582
SDS-PAGE MW	170
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.

Background

mucin 1, cell surface associated(MUC1) Homo sapiens 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 sp

Note: This product is for in vitro research use only and is not intended for use in humans or animals.