

Mucin 1(Phospho Tyr1243) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01160
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CD227/Mucin 1 around the phosphorylation site of Tyr1243. AA range:1204-1253
Mol wt	122072
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Mucin-1
Synonyms	Mucin-1; 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

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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

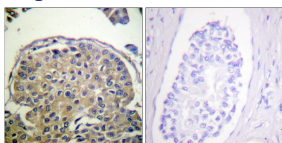
Recommended Dilution

IHC-p: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using CD227/Mucin 1 (Phospho-Tyr1243) Antibody. The picture on the right is blocked with the phospho peptide.

Storage

-20°C for 1 year