

Datasheet for ABIN7138924
anti-MUC1 antibody (pTyr1229)



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3 Images

Overview

Quantity:	100 µL
Target:	MUC1
Binding Specificity:	pTyr1229
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MUC1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence around phosphorylation site of tyrosine 1229 S-P-Y(p)-E-K) derived from Human CD227/MUC1.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using

Target Details

Target:	MUC1
Alternative Name:	MUC1 (MUC1 Products)

Target Details

Background:	Background: The alpha subunit has cell adhesive properties. Can act both as an adhesion and an anti-adhesion protein. May provide a protective layer on epithelial cells against bacterial and enzyme attack. Lan M.S., J. Biol. Chem. 265:15294-15299(1990). Ligtenberg M.J.L., J. Biol. Chem. 265:5573-5578(1990). Gendler S.J., J. Biol. Chem. 265:15286-15293(1990) Aliases: ADMCKD antibody, ADMCKD1 antibody, Breast carcinoma associated antigen DF3 antibody, Breast carcinoma-associated antigen DF3 antibody, CA 15-3 antibody, CA15 3 antibody, CA15 3 antigen antibody, CA15-3 antibody, CA15.3 antibody, Cancer antigen 15-3 antibody, Carcinoma associated mucin antibody, Carcinoma-associated mucin antibody, CD 227 antibody, CD227 antibody, DF3 antigen antibody, EMA antibody, Episialin antibody, Epithelial Membrane Antigen antibody, H23 antigen antibody, H23AG antibody, KL 6 antibody, KL-6 antibody, KL6 antibody, Krebs von den Lungen-6 antibody, MAM 6 antibody, MAM6 antibody, MCD antibody, MCKD antibody, MCKD1 antibody, Medullary cystic kidney disease 1 (autosomal dominant) antibody, Medullary cystic kidney disease, autosomal dominant antibody, MUC 1 antibody, MUC-1 antibody, MUC-1/SEC antibody, MUC-1/X antibody, MUC1 antibody, MUC1-alpha antibody, MUC1-beta antibody, MUC1-CT antibody, MUC1-NT antibody, MUC1/ZD antibody, MUC1_HUMAN antibody, Mucin 1 antibody, Mucin 1 cell surface associated antibody, Mucin 1 transmembrane antibody, Mucin 1, cell surface associated antibody, Mucin-1 subunit beta antibody, Peanut reactive urinary mucin antibody, Peanut-reactive urinary mucin antibody, PEM antibody, PEMT antibody, Polymorphic epithelial mucin antibody, PUM antibody, Tumor associated epithelial membrane antigen antibody, Tumor associated epithelial mucin antibody, Tumor associated mucin antibody, Tumor-associated epithelial membrane antigen antibody, Tumor-associated mucin antibody
UniProt:	P15941
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

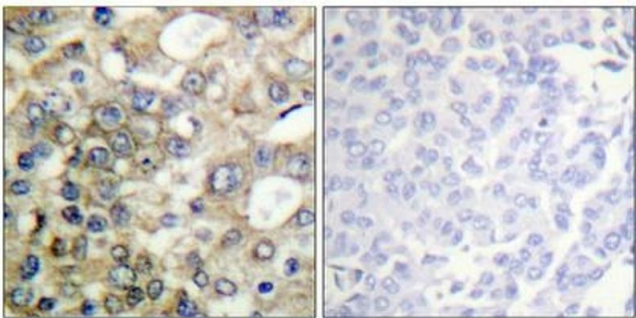
Application Details

Application Notes:	WB:1:500-1:1000, IHC:1:50-1:100, IF:1:100-1:200,
Restrictions:	For Research Use only

Handling

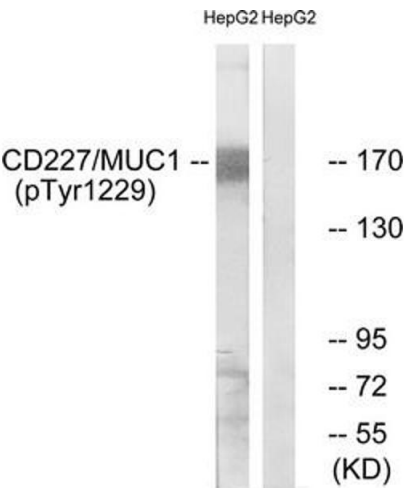
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



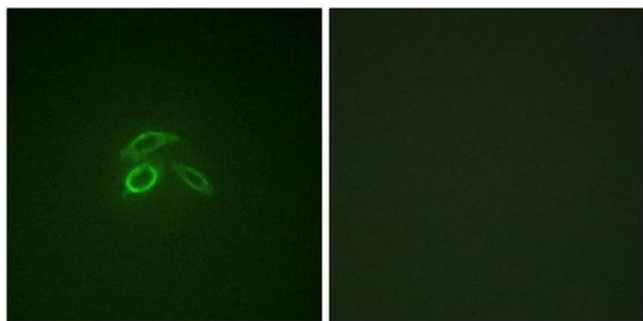
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CD227/MUC1 (Phospho-Tyr1229) antibody (left) or the same antibody preincubated with blocking peptide (right).



Western Blotting

Image 2. Western blot analysis of extracts from HepG2 cells treated with PMA using CD227/MUC1 (Phospho-Tyr1229) Antibody. The lane on the right is treated with the antigen-specific peptide.



Immunofluorescence

Image 3. Immunofluorescence staining of methanol-fixed HepG2 cells using CD227/MUC1 (Phospho-Tyr1229) Antibody.