

anti-Human CD227/MUC1 Antibody | anti-CD227/MUC1 antibody

CD227/MUC1 (Phospho-Tyr1229) Antibody

CATALOG # AAA111404	REACTIVITY Human	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	----------------------------	--

PRODUCT SYNONYMS

CD227/MUC1; CD227/MUC1 (Phospho-Tyr1229) Antibody; Breast carcinoma-associated antigen DF3; Carcinoma-associated mucin; CD227; EMA; Episialin; H23AG; MUC-1; mucin 1; Mucin 1 precursor; transmembrane; Peanut-reactive urinary mucin; PEM; PEMT; Polymorphic epithelial mucin; PUM; Tumor-associated epithelial membrane antigen; Tumor-associated mucin; anti-CD227/MUC1 antibody

PRODUCT SPECIFICATIONS

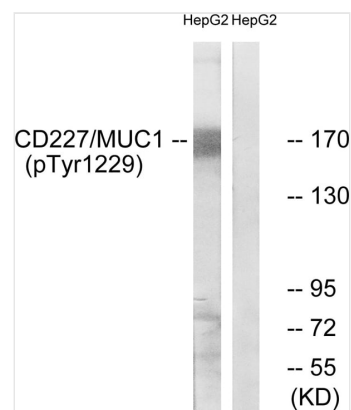
Reactivity	Human
Specificity	CD227/MUC1 (Phospho-Tyr1229) antibody detects endogenous levels of CD227/MUC1 only when phosphorylated at tyrosine 1229.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	264
Applicable Applications for anti-CD227/MUC1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human CD227/MUC1 around the phosphorylation site of tyrosine1229 (S-P-YP-E-K).
All Sites	Human: Tyr1229
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



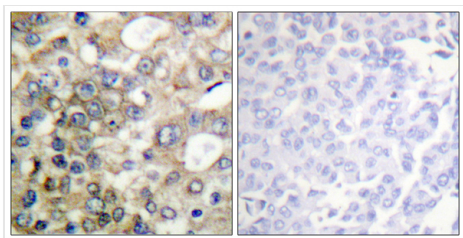
IF (Immunofluorescence)

P-peptide-+ Immunofluorescence analysis of HepG2 cells, using CD227/MUC1 (Phospho-Tyr1229) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using CD227/MUC1 (Phospho-Tyr1229) antibody. Western blot analysis of extracts from HepG2 cells, treated with PMA (125ng/ml, 30mins), using CD227/MUC1 (Phospho-Tyr1229) antibody.



Application Data
P-peptide-+

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD227/MUC1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	67189007
NCBI GeneID	4582
NCBI Accession #	NP_001018016.1
NCBI GenBank Nucleotide #	NM_001018016.2
UniProt Accession #	P15941; P13931; P15942; P17626; A5YRV1; A6ZID9; A6ZIE0; B1AVQ8; B1AVR0; B6ECA1; E7ESE5; E7EUG9
Molecular Weight	28,297 Da
NCBI Official Full Name	mucin-1 isoform 2
NCBI Official Synonym Full Names	mucin 1, cell surface associated
NCBI Official Symbol	MUC1
NCBI Official Synonym Symbols	EMA; MCD; PEM; PUM; KL-6; MAM6; MCKD; PEMT; CD227; H23AG; MCKD1; MUC-1; ADMCKD; ADMCKD1; CA 15-3; MUC-1/X; MUC1/ZD; MUC-1/SEC
NCBI Protein Information	mucin-1
UniProt Protein Name	Mucin-1
UniProt Gene Name	MUC1
UniProt Synonym Gene Names	PUM; MUC-1; CA 15-3; KL-6; PUM; PEM; EMA; MUC1-NT; MUC1-alpha; MUC1-beta

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-antibody/cd227-muc1/111404>