



CD227/MUC1 (Phospho-Tyr1229) Antibody

E11-1193A

Catalog Number: E11-1193A

Concentration: 1mg/ml

Swiss-Prot No.: P15941

Other Names: Breast carcinoma-associated antigen DF3; Carcinoma-associated mucin; CD227; EMA; Episialin; H23AG; MUC-1; mucin 1; Mucin 1 precursor; mucin 1, transmembrane; Peanut-reactive urinary mucin; PEM; PEMT; Polymorphic epithelial mucin; PUM; Tumor-associated epithelial membrane antigen; Tumor-associated mucin

All Sites: Human: Tyr1229

Storage/Stability: Store at -20°C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human CD227/MUC1 around the phosphorylation site of tyrosine

1229 (S-P-Y^P-E-K).

Purification: The antibody was 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.

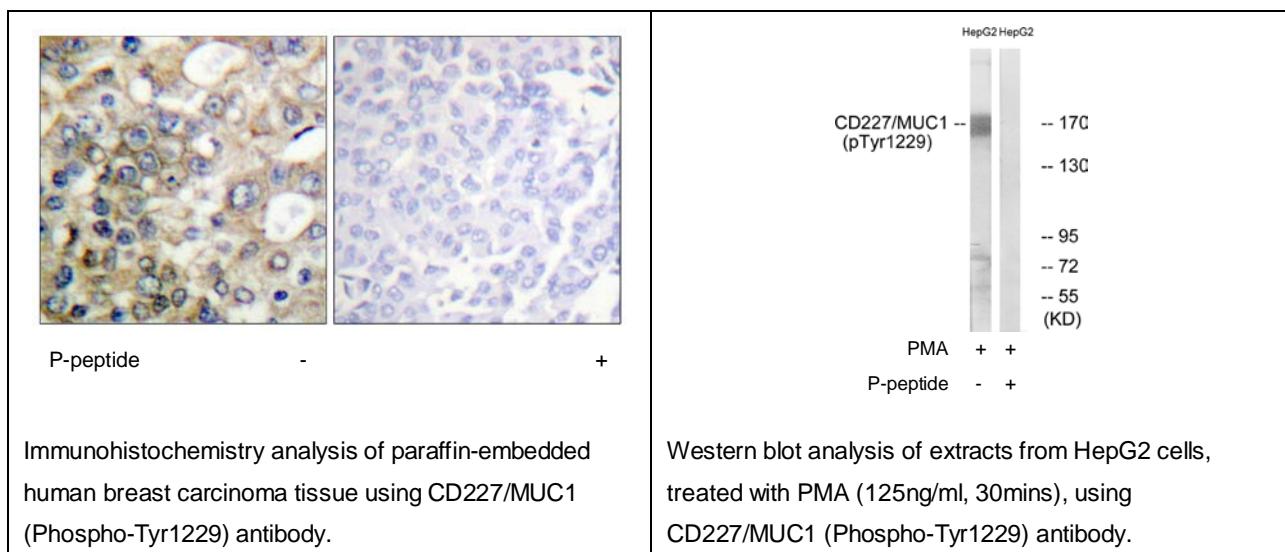
Specificity: CD227/MUC1 (Phospho-Tyr1229) antibody detects endogenous levels of CD227/MUC1 only when phosphorylated at tyrosine 1229.

Reactivity: Human (Identities = 100%, Positives = 100%)

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
IF: 1:100~1:500 ELISA: 1:1000

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).



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