

CD227/MUC1 (Phospho-Tyr1229) Antibody

Catalog No: #11707



Package Size: #11707-1 50ul #11707-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

| | |
|-----------------------|--|
| Product Name | CD227/MUC1 (Phospho-Tyr1229) Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| 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 non-phosphopeptide. |
| Applications | WB IHC IF |
| Species Reactivity | Hu |
| Specificity | The antibody detects endogenous levels of CD227/MUC1 only when phosphorylated at tyrosine 1229. |
| Immunogen Type | Peptide-KLH |
| Immunogen Description | Peptide sequence around phosphorylation site of tyrosine 1229 S-P-Y(p)-E-K derived from Human CD227/MUC1. |
| Target Name | CD227/MUC1 |
| Modification | Phospho |
| Other Names | PUM; EMA; H23AG; MUC-1; PEM |
| Accession No. | Swiss-Prot#: P15941; NCBI Gene#: 4582; NCBI Protein#: NP_001018016.1. |
| SDS-PAGE MW | 170kd |
| Concentration | 1.0mg/ml |
| Formulation | Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Storage | Store at -20°C/1 year |

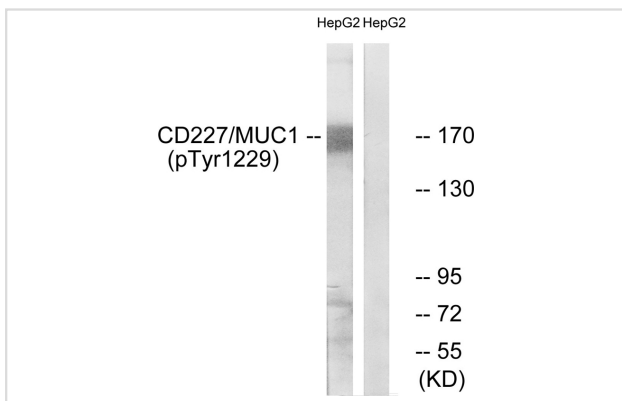
Application Details

Western blotting: 1:500~1:1000

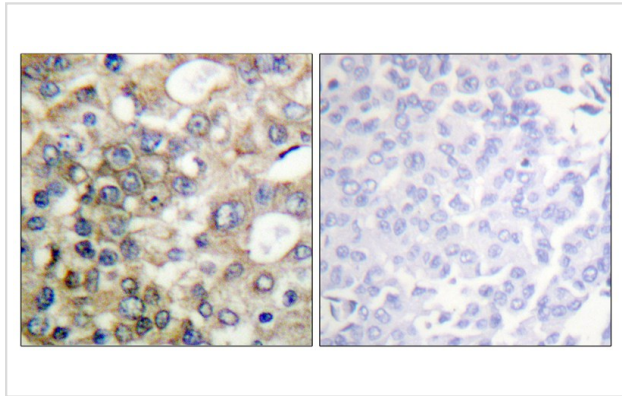
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

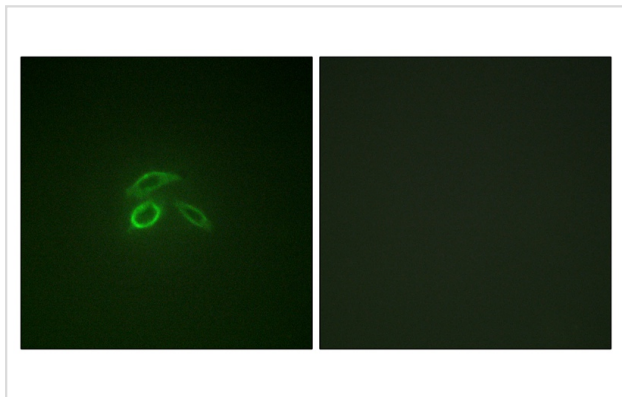
Images



Western blot analysis of extracts from HepG2 cells treated with PMA using CD227/MUC1 (Phospho-Tyr1229) Antibody #11707. The lane on the right is treated with the antigen-specific peptide.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using CD227/MUC1 (Phospho-Tyr1229) antibody #11707 (left) or the same antibody preincubated with blocking peptide (right).



Immunofluorescence staining of methanol-fixed HepG2 cells using CD227/MUC1 (Phospho-Tyr1229) Antibody #11707.

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)

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