

pan Phospho-Serine/Threonine Mouse mAb

Catalog No.: AP1067 **11 Publications**

Basic Information

Observed MW

~10kDa

Calculated MW

Category

Primary antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat, Other (Wide Range Predicted)

CloneNo number

AMC0265

Background

Protein phosphorylation is one of the main key regulatory mechanisms by which extracellular signals are conveyed. Global alteration of signal transduction by inhibition of serine/threonine dephosphorylation has recently been shown to markedly potentiate cancer cell killing by the DNA-methylating drug, temozolomide.

Recommended Dilutions

WB 1:1000 - 1:8000

IHC-P 1:2000 - 1:8000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

□

Swiss Prot

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Mouse

Isotype

IgG2a,kappa

Purification

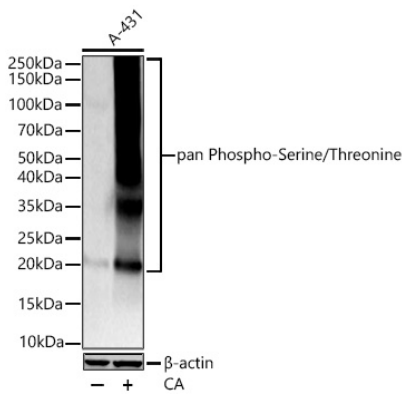
Affinity purification

Storage

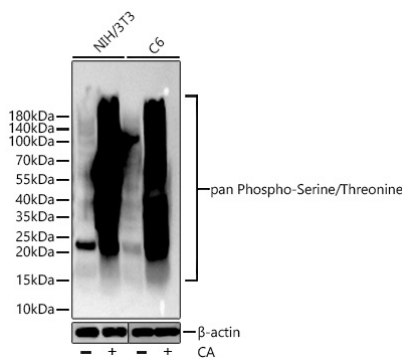
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

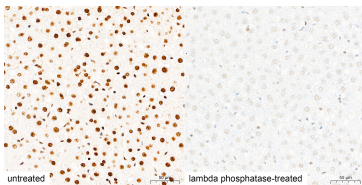
Validation Data



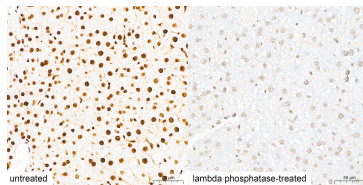
Western blot analysis of lysates from A-431 cells using pan Phospho-Serine/Threonine Mouse mAb (AP1067) at 1:4000 dilution incubated at room temperature for 1.5 hours. A431 cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.
 Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
 Lysates/proteins: 30 µg per lane.
 Blocking buffer: 3 % nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 20s.



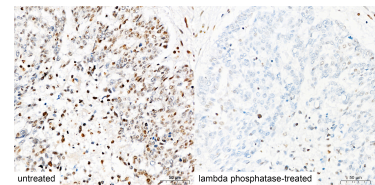
Western blot analysis of various lysates using pan Phospho-Serine/Threonine Mouse mAb (AP1067) at 1:4000 dilution incubated at room temperature for 1.5 hours. NIH/3T3 and C6 cells were treated with Calyculin A (100 nM) at 37°C for 30 minutes after serum-starvation overnight.
 Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.
 Lysates/proteins: 30 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Rat liver tissue, untreated (left) and lambda phosphatase-treated (right), using pan Phospho-Serine/Threonine Mouse mAb (AP1067) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse liver tissue, untreated (left) and lambda phosphatase-treated (right), using pan Phospho-Serine/Threonine Mouse mAb (AP1067) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue, untreated (left) and lambda phosphatase-treated (right), using pan Phospho-Serine/Threonine Mouse mAb (AP1067) at a dilution of 1:2000 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.