

# Pan Phospho-Tyrosine Mouse mAb

Catalog No.: AP0973

## Basic Information

### Observed MW

10 kDa or above

### Calculated MW

### Category

Primary antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

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

### CloneNo number

AMC0235

## Background

Protein phosphorylation is one of the main key regulatory mechanisms by which extracellular signals are conveyed. Tyrosine kinase activation is impactful in many tumor types, and in fact, tyrosine kinase inhibitors are one of the more useful therapeutics currently in cancer treatment.

## Recommended Dilutions

**WB** 1:1000 - 1:2000

**IF/ICC** 1:50 - 1:200

**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

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🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Mouse

### Isotype

IgG2b,kappa

### Purification

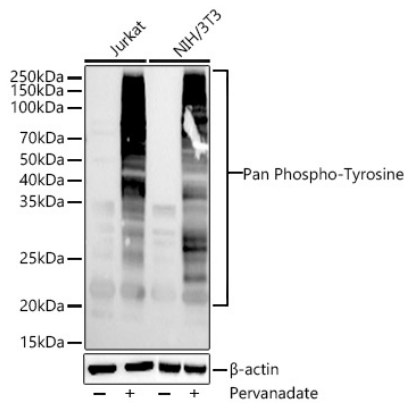
Affinity purification

### Storage

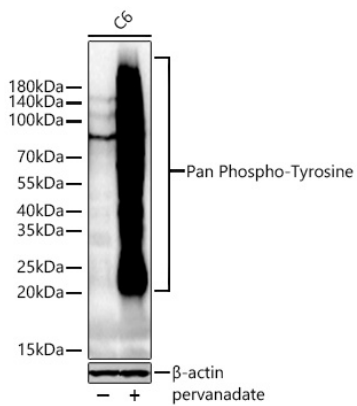
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

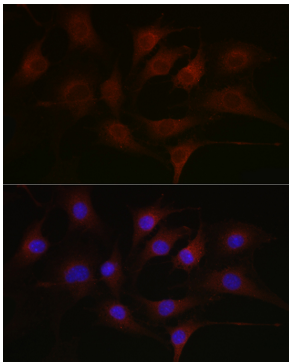
## Validation Data



Western blot analysis of various lysates using Pan Phospho-Tyrosine Mouse mAb (AP0973) at 1:1000 dilution incubated overnight at 4°C. Jurkat cells and NIH/3T3 cells were treated with Pervanadate (1 mM) at 37°C for 30 minutes.  
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.  
Lysates/proteins: 30  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30 s.



Western blot analysis of lysates from C6 cells using Pan Phospho-Tyrosine Mouse mAb (AP0973) at 1:1000 dilution incubated at room temperature for 1.5 hours. C6 cells were treated with pervanadate (1  $\mu$ M) at 37°C for 30 minutes.  
Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.  
Lysates/proteins: 30  $\mu$ g per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 10 s.



Immunofluorescence analysis of NIH-3T3 cells using Pan Phospho-Tyrosine Mouse mAb (AP0973) at dilution of 1:100 (40x lens).  
Blue: DAPI for nuclear staining.