

AP0973

Leader in Biomolecular Solutions for Life Science



# Pan Phospho-Tyrosine Mouse mAb

Catalog No.: AP0973

## Basic Information

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### Observed MW

Refer to figures

### Calculated MW

### Category

Mouse Monoclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

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

### CloneNo number

AMC0235

## Background

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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

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**WB** 1:500 - 1:2000

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

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

## Immunogen Information

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**Gene ID**

**Swiss Prot**

### Immunogen

A synthetic peptide corresponding to a sequence containing phosphorylated Y.

### Synonyms

## Contact

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[www.abclonal.com](http://www.abclonal.com)

## Product Information

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**Source**

Mouse

**Isotype**

IgG2b,kappa

**Purification**

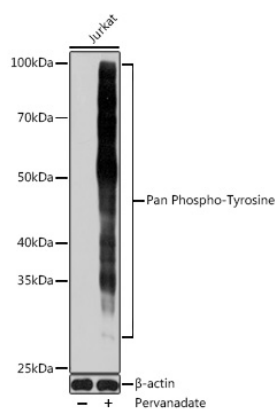
Affinity purification

### Storage

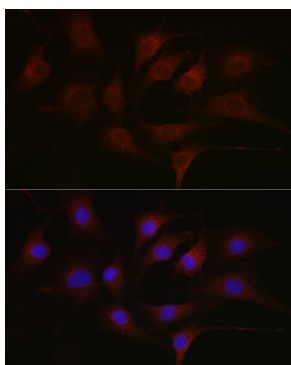
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of lysates from Jurkat cells, using Pan Phospho-Tyrosine Mouse mAb (AP0973) at 1:1000 dilution. Jurkat cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes. Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



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.