

AP0905

Leader in Biomolecular Solutions for Life Science



# Pan Phospho-Tyrosine Rabbit pAb

Catalog No.: AP0905

4 Publications

## Basic Information

### Observed MW

20-70kDa

### Calculated MW

### Category

Polyclonal Antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

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

## Background

Tyrosine phosphorylation (pTyr), much of which occurred on localized multiple sites, initiates cellular signaling, governs cellular functions, and its dysregulation is implicated in many diseases, especially cancers. pTyr-specific sensing is of great significance for understanding disease states and developing targeted anticancer drugs.

## Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:200

## Immunogen Information

Gene ID

Swiss Prot

### Immunogen

A synthetic peptide corresponding to a sequence containing phosphorylated S & T.

### Synonyms

## Contact



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

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

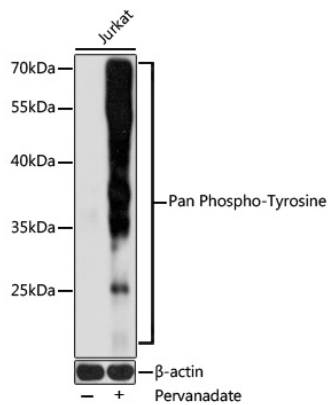
Affinity purification

### 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 pAb (AP0905) at 1:1000 dilution. Jurkat cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes.

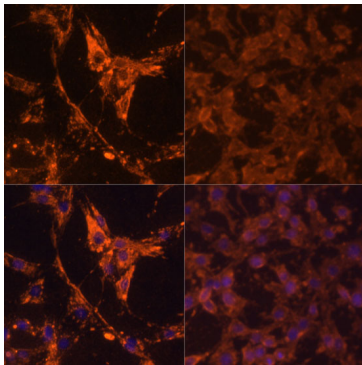
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

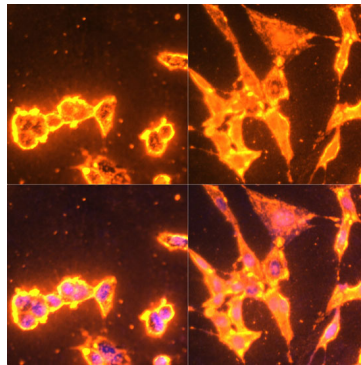
Blocking buffer: 3% BSA.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunofluorescence analysis of C6 cells using Pan Phospho-Tyrosine (AP0905) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. C6 cells were treated by 20% FBS at 37°C for 20 minutes after serum-starvation overnight.



Immunofluorescence analysis of NIH/3T3 cells using Pan Phospho-Tyrosine (AP0905) at dilution of 1:100. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. NIH/3T3 cells were treated by 20% FBS at 37°C for 20 minutes after serum-starvation overnight.