

## Pan Phospho-Tyrosine polyclonal antibody

Catalog: BS79455

Host: Rabbit

Reactivity: Human, Mouse, Rat, Other  
(Wide Range)

### 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.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

20-70KDa

### Swiss-Prot:

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB, 1:500 - 1:2000 | IF/ICC, 1:50 - 1:200

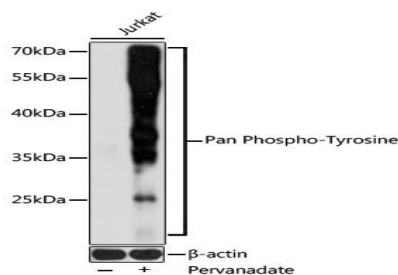
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

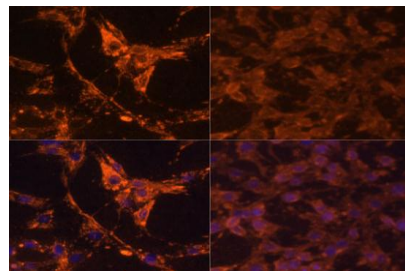
### Modification:

Phosphorylated

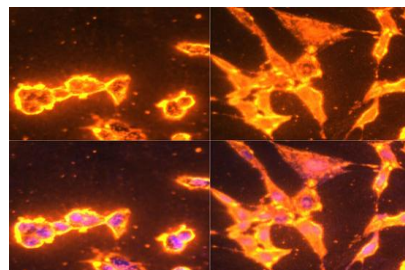
### DATA:



Western blot analysis of extracts of Jurkat cells, using Pan Phospho-Tyrosine pAb at 1:1000 dilution. Jurkat cells were treated by Pervanadate at 37 °C for 30 minutes. Secondary antibody: HRP Goat Anti-Rabbit IgG at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Basic Kit. Exposure time: 1s.



Immunofluorescence analysis of C6 cells using Pan Phospho-Tyrosine at dilution of 1:100. 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 at dilution of 1:100. Blue: DAPI for nuclear staining. NIH/3T3 cells were treated by 20% FBS at 37 °C for 20 minutes after serum-starvation overnight.

### Note:

For research use only, not for use in diagnostic procedure.

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