

## Phosphotyrosine polyclonal antibody

Catalog: BS91069

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Tyrosine phosphorylation plays a key role in cellular signaling. Research studies have shown that in cancer, unregulated tyrosine kinase activity can drive malignancy and tumor formation by generating inappropriate proliferation and survival signals. Antibodies specific for phospho-tyrosine have been invaluable reagents in these studies. The phospho-tyrosine monoclonal antibodies developed by Cell Signaling Technology are exceptionally sensitive tools for studying tyrosine phosphorylation and monitoring tyrosine kinase activity in high throughput drug discovery.

### Product:

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

### Molecular Weight:

### Swiss-Prot:

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:50-1:200

FC:1:10-1:50

ICC:1:50

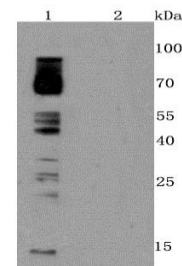
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

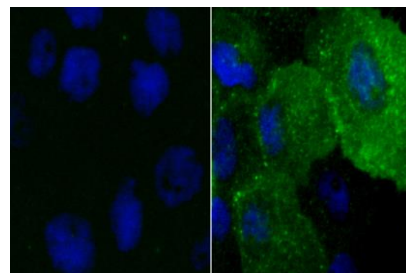
### Specificity:

Phosphotyrosine polyclonal antibody detects endogenous levels of Phosphotyrosine protein.

### DATA:



Western blot analysis of Phosphotyrosine on A431 cells lysates treated (Line 1) and untreated with Sodium metavanadate using anti-Phosphotyrosine antibody at 1/100 dilution.



ICC staining Phosphotyrosine in A431 cells (green) nontreated (Left) or treated with Sodium metavanadate (Right). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

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

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