

## Phosphotyrosine monoclonal antibody

Catalog: BS65498M      Host: Mouse      Reactivity: Human, Mouse, Rat, Phosphotyrosine

### BackGround:

The phosphorylation of specific tyrosine residues has been shown to be a primary mechanism of signal transduction during normal mitogenesis, cell cycle progression and oncogenic transformation, its role in other areas such as differentiation and gap junction communication, is a matter of active and ongoing research. Antibodies that specifically recognize phosphorylated tyrosine residues have proved to be invaluable to the study of tyrosine phosphorylated proteins and the biochemical pathways in which they function.

### Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

### Molecular Weight:

N/A

### Swiss-Prot:

N/A

### Purification&Purity:

affinity purified by Protein G

### Applications:

IHC-P=1:100-500

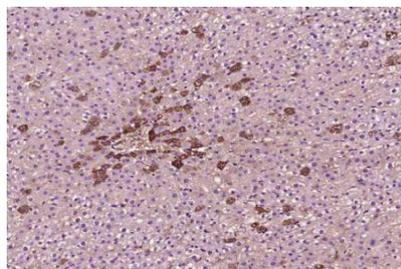
### Storage&Stability:

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

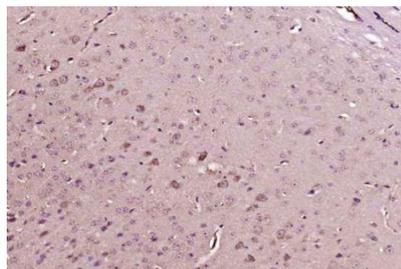
### Specificity:

Phosphotyrosine Monoclonal Antibody detects endogenous levels of Phosphotyrosine protein.

### DATA:



Paraformaldehyde-fixed, paraffin embedded (Rat liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (Phosphotyrosine) Monoclonal Antibody, Unconjugated at 1:400 overnight at 4 °C.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (Phosphotyrosine) Monoclonal Antibody, Unconjugated at 1:400 overnight at 4 °C.

Paraformaldehyde-fixed, paraffin embedded (Human liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (Phosphotyrosine) Monoclonal Antibody, Unconjugated at 1:400 overnight at 4 °C.

### Note:

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

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