

## Product Datasheet

# Phosphotyrosine Antibody



Catalog No: CY6718

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF IP FC

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### Information

**UniProt ID:** N/A

**All Names:** Phospho-Tyrosine;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** kDa

### Application

WB 1:500~1:2000

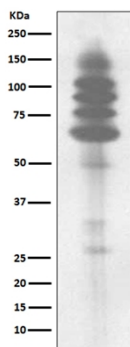
ICC/IF 1:50~1:200

IP 1:50

FC 1:50

### 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.



Western blot analysis of Phosphotyrosine expression in Jurkat cell lysate.

**For Research Use Only. Not For Use In Diagnostic Procedures.**

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