

AP1162

Leader in Biomolecular Solutions for Life Science



Pan Phospho-Tyrosine Rabbit mAb

Catalog No.: AP1162 **Recombinant** **1 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IP,ELISA

Cross-Reactivity

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

CloneNo number

ARC54383

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 - 1:1000

IP 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

Immunogen Information

Gene ID

Swiss Prot

Immunogen

A random peptide library phosphorylated peptide around Tyr.

Synonyms

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

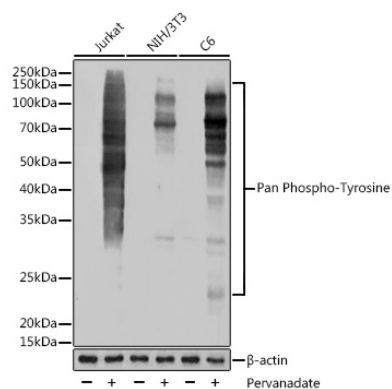
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using Pan Phospho-Tyrosine Rabbit mAb (AP1162) at 1:1000 dilution. Jurkat cells and NIH/3T3 cells and C6 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: 5s.

Immunoprecipitation analysis of 300 µg extracts of Jurkat (pervanadate) cells using 3 µg Pan Phospho-Tyrosine antibody (AP1162). Western blot was performed from the immunoprecipitate using Pan Phospho-Tyrosine antibody (AP1162) at a dilution of 1:1000.

