Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Pan Phospho-Tyrosine Rabbit mAb

Catalog No.: AP1162 Recombinant 3 Publications

Basic Information

Observed MW

Calculated MW

Category
Primary 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
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID **Swiss Prot**

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

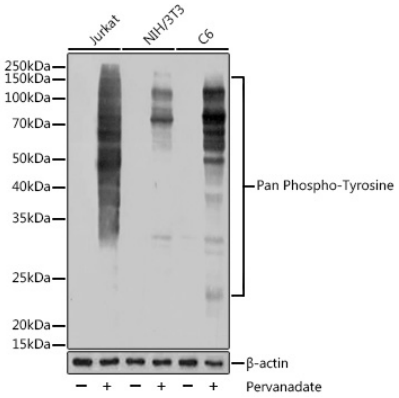
Source
Rabbit

Isotype
IgG

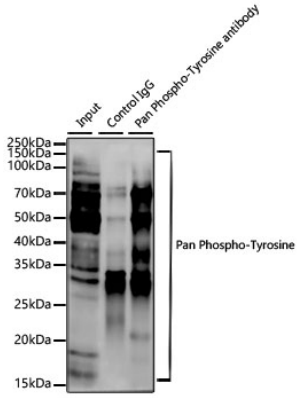
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% 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 with Pervanadate (1 mM) at 37℃ for 30 minutes.
Secondary antibody: HRP-conjugated 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 Rabbit mAb (AP1162). Western blot was performed from the immunoprecipitate using Pan Phospho-Tyrosine Rabbit mAb (AP1162) at a dilution of 1:1000.