AP1316

Leader in Biomolecular Solutions for Life Science

www.abclonal.com

Pan Phospho-Tyrosine Rabbit mAb

Catalog No.: AP1316 Recombinant 2 Publications

Basic Information

Observed MW
10-250kDa

Calculated MW
>10KDa

Category
Monoclonal Antibody

Applications
WB,IP,ELISA

Cross-Reactivity
Human,Mouse,Rat,Other (Wide Range Predicted)

Clone number
ARC54380

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	1:1000 - 1:5000
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

Product Information

Source
Rabbit

Isotype
IgG

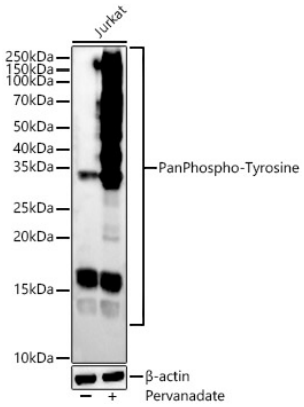
Purification
Affinity purification

Storage
Store at -20℃

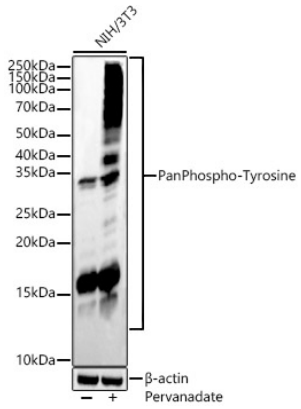
Contact

www.abclonal.com

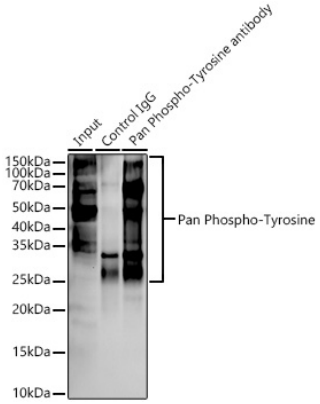
Validation Data



Western blot analysis of various lysates, using Pan Phospho-Tyrosine Rabbit mAb (AP1316) at 1:2000 dilution. Jurkat 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% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Western blot analysis of lysates from NIH/3T3 cells, using Pan Phospho-Tyrosine Rabbit mAb (AP1316) at 1:2000 dilution. NIH/3T3 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% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Immunoprecipitation analysis of 300 μg extracts of Jurkat cells treated with Pervanadate using 3 μg Pan Phospho-Tyrosine antibody (AP1316). Western blot was performed from the immunoprecipitate using Pan Phospho-Tyrosine antibody (AP1316) at a dilution of 1:5000.