

AP1316

Leader in Biomolecular Solutions for Life Science



Pan Phospho-Tyrosine Rabbit mAb

Catalog No.: AP1316

Recombinant

Basic Information

Observed MW

10-250kDa

Calculated MW

>10KDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IP,ELISA

Cross-Reactivity

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

CloneNo number

ARC54380

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.

Contact



www.abclonal.com

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.

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

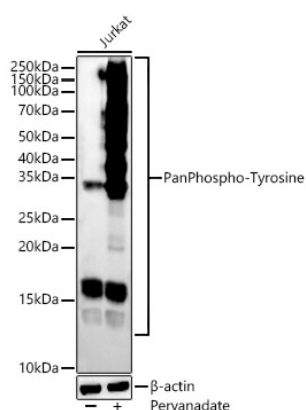
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

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°C for 30 minutes.

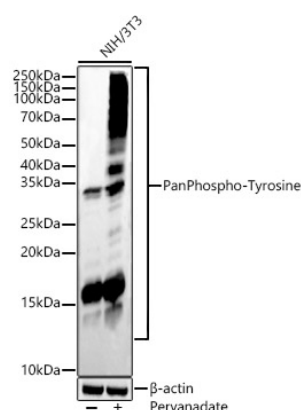
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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°C for 30 minutes.

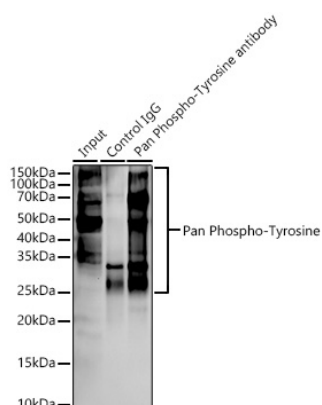
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

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.