# [KD Validated] Anti-Phospho-Paxillin (Tyr118) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R021040

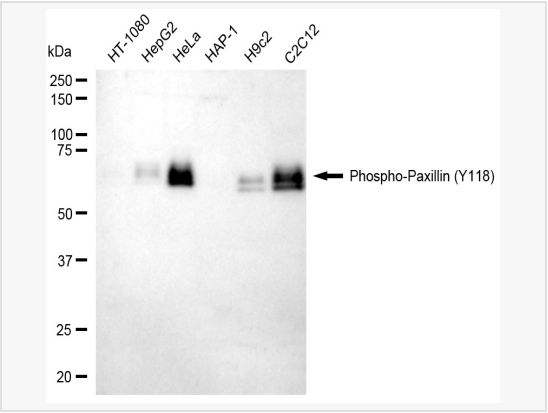
## Product Information

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|---|---|
| Application | WB |
| Reactivity | Human, Mouse, Rat |
| Dilution | WB 1:1,000~1:5,000 |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone No. | 54P86S13 |
| Isotype | IgG |
| Label | Unconjugated |
| Immunogen | A synthesized peptide derived from human Phospho-Paxillin (Tyr118) |
| Format | Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3. |
| Storage | Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage. |
| Precautions | [KD Validated] Anti-Phospho-Paxillin (Tyr118) Rabbit mAb [54P86S13] is for research use only and not for use in diagnostic or therapeutic procedures. |

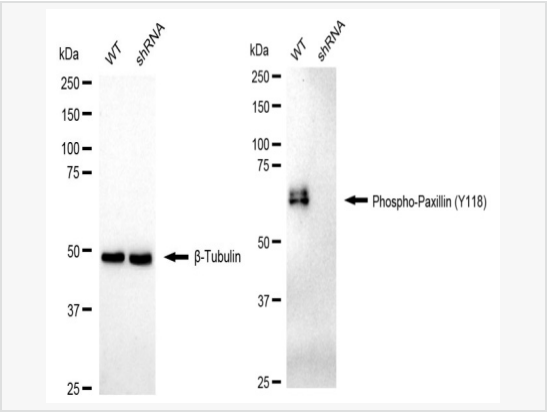
## Protein Information

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|---|---|
| Synonyms | Paxillin; Testicular Tissue Protein Li 134. |
| Calculated MW | Calculated MW: 65 kDa, Observed MW: 68 kDa |
| Uniprot ID | P49023 |
| Gene ID | 5829 |
| Background | Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion). PXN is a multi-domain cytoskeletal protein that localizes primarily to focal adhesion sites to the extracellular matrix. Phosphorylated by focal adhesion kinase (FAK) and is a component of integrin signaling. Its phosphorylation provides docking sites for recruitment of signaling molecules to focal adhesions. |

## Validation Images




Western blotting analysis using Phospho-Paxillin (Y118) antibody (R021040). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Phospho-Paxillin (Y118) antibody (R021040, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.




Western blotting analysis using Phospho-Paxillin (Y118) antibody (R021040). Phospho-Paxillin (Y118) expression in wild type (WT) and Phospho-Paxillin (Y118) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulinserves as a loading control. The blot was incubated with Phospho-Paxillin (Y118) antibody (R021040, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.