

Product Name: Phospho-PTP1B (Ser352) Rabbit Monoclonal Antibody**Catalog #: AMRe01544**

For research use only.

Summary

| | |
|----------------------|--|
| Description | Recombinant rabbit monoclonal antibody |
| Host | Rabbit |
| Application | WB, ICC/IF, IP |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Phosphorylated |
| Isotype | IgG |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 0.5mg/ml. The concentration of this product may be batch-dependent. |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:1000, ICC/IF 1:50-1:200, IP 1:20-1:50 |
| Molecular Weight | Calculated MW: 50 kDa; Observed MW: 50 kDa |

Antigen Information

| | |
|--------------------------|---|
| Gene Name | PTPN1 |
| Alternative Names | PTPN1; PTP1B; Tyrosine-protein phosphatase non-receptor type 1; Protein-tyrosine phosphatase 1B; PTP-1B |
| Gene ID | 5770 |
| SwissProt ID | P18031 |
| Immunogen | A synthetic Phosphorylated peptide corresponding to residues target protein |

Background

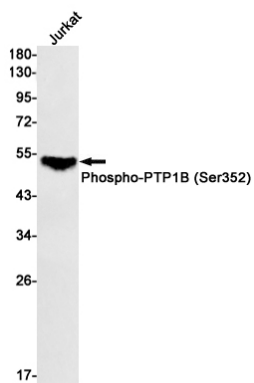
The protein encoded by this gene is the founding member of the protein tyrosine phosphatase (PTP) family, which was isolated

and identified based on its enzymatic activity and amino acid sequence. PTPs catalyze the hydrolysis of the phosphate monoesters specifically on tyrosine residues.

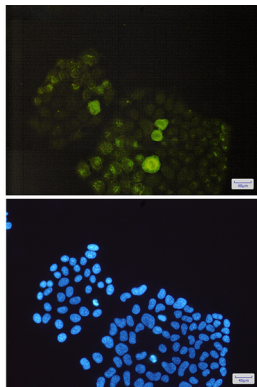
Research Area

Signal Transduction

Image Data



Western blot analysis of Phospho-PTP1B (Ser352) in Jurkat lysates using Phospho-PTP1B (Ser352) antibody.



Immunocytochemistry analysis of Phospho-PTP1B (Ser352)(green) in HeLa using Phospho-PTP1B (Ser352) antibody, and DAPI(blue)