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**Product Name: PTP1B Rabbit Monoclonal Antibody****Catalog #: AMRe02496**

For research use only.

**Summary**

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

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 50 kDa; Observed MW: 50 kDa

**Antigen Information**

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

**Background**

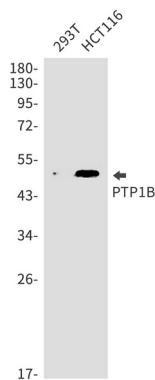
The protein encoded by this gene is the founding member of the protein tyrosine phosphatase (PTP) family, which was isolated

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 PTP1B in 293T, HCT116 lysates using PTP1B antibody.