

## 小鼠抗 PTPN1 单克隆抗体

中文名称： 小鼠抗 PTPN1 单克隆抗体

英文名称： Anti-PTPN1 mouse monoclonal antibody

别名： PTP1B

相关类别： 一抗

储存： 冷冻（-20℃） 避光

宿主： Mouse

抗原： PTPN1

反应种属： Human , Dog , Monkey

标记物： Unconjugate

克隆类型： mouse monoclonal

### 技术规格

**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. Members of the PTP family share a highly conserved catalytic motif, which is essential for the catalytic activity. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP has been shown to act as a negative regulator of insulin signaling by dephosphorylating t

	he phosphotyrosine residues of insulin receptor kinase. This PTP was also reported to dephosphorylate epidermal growth factor receptor kinase, as well as JAK2 and TYK2 kinases, which implicated the role of this PTP in cell growth control, and cell response to interferon stimulation. [provided by RefSeq].
<b>Applications:</b>	WB, IHC, IF, FC
<b>Name of antibody:</b>	PTPN1
<b>Immunogen:</b>	Fusion protein of human PTPN1
<b>Full name:</b>	protein tyrosine phosphatase, non-receptor type 1 (PTPN1), transcript variant 1
<b>Synonyms:</b>	PTP1B
<b>SwissProt:</b>	P18031
<b>IHC positive control:</b>	human colon tissue and human lymph node tissue
<b>IHC Recommend dilution:</b>	30-150
<b>WB Predicted band size:</b>	50 kDa
<b>WB Positive control:</b>	HepG2, Hela, COS7, Jurkat, MDCK, PC12, MCF-7 cell lysates
<b>WB Recommended dilution:</b>	200-1000