

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 the phosphotyrosine residues of insulin receptor kinase. This PTP was also reported to dephosphorylate epidermal growth f

	actor 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].
Applications:	WB, IHC, IF, FC
Name of antibody:	PTPN1
Immunogen:	Fusion protein of human PTPN1
Full name:	protein tyrosine phosphatase, non-receptor type 1 (PTPN1), transcript variant 1
Synonyms:	PTP1B
SwissProt:	P18031
IHC positive control:	human colon tissue and human lymph node tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	50 kDa
WB Positive control:	HepG2, Hela, COS7, Jurkat, MDCK, PC12, MCF-7 cell lysates
WB Recommended dilution:	200-1000