

小鼠抗 PTPRC 单克隆抗体

中文名称: 小鼠抗 PTPRC 单克隆抗体

英文名称: Anti-PTPRC mouse monoclonal antibody

别名: B220; CD45; CD45R; GP180; L-CA; LCA; LY5; T200

抗原: PTPRC

储存: 冷冻 (-20°C) 避光

宿主: Mouse

反应种属: Human

相关类别: 一抗

标记物: Unconjugate

克隆类型: mouse monoclonal

技术规格

Background:

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitosis, and oncogenic transformation. This PTP contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus is classified as a receptor type PTP. This PTP has been shown to be an essential regulator of T- and B-cell antigen receptor signaling. It functions through either direct interaction with components of the antigen receptor complexes, or by activating various Src family kinases required for the antigen receptor signaling. This PTP also suppresses JAK kinases, and thus functions as a regulator of cytokine receptors.

	ignaling. Alternatively spliced transcripts variants of this gene, which encode distinct isoforms, have been reported. [provided by RefSeq, Jun 2012].
Applications:	WB, IHC, IF, FC
Name of antibody:	PTPRC
Immunogen:	Fusion protein of human PTPRC
Full name:	protein tyrosine phosphatase, receptor type, C (PTPRC), transcript variant 1
Synonyms:	B220; CD45; CD45R; GP180; L-CA; LCA; LY5; T200
SwissProt:	P08575
IHC positive control:	human lung tissue and human lymph node tissue
IHC Recommend dilution:	100-500
WB Predicted band size:	147 kDa
WB Positive control:	Jurkat cell lysate
WB Recommended dilution:	500-2000