



<b>Swiss-Prot No.:</b>	P08575
<b>Altename:</b>	PTPRC
<b>Storage/Stability:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Immunogen:</b>	A synthetic peptide of human PTPRC
<b>Purification:</b>	Affinity purified
<b>Reactivity:</b>	Human,Mouse,Rat
<b>Other Names:</b>	LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180
<b>Cellular localization:</b>	Membrane
<b>Relevance:</b>	Protein tyrosine-protein phosphatase required for T-cell activation through the antigen receptor. Acts as a positive regulator of T-cell coactivation upon binding to DPP4. The first PTpase domain has enzymatic activity, while the second one seems to affect the substrate specificity of the first one. Upon T-cell activation, recruits and dephosphorylates SKAP1 and FYN. Dephosphorylates LYN, and thereby modulates LYN activity .
<b>Source:</b>	Rabbit
<b>Antibody type:</b>	Polyclonal antibody
<b>Isotype:</b>	Rabbit IgG

<b>Molecular Weight:</b>	185kDa
<b>Preservative:</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Recommended Dilutions:</b>	WB 1:500 - 1:2000; IHC 1:50 - 1:200; IF 1:50 - 1:200(Optimal dilutions should be determined by the end user)