



# PTPRC Monoclonal Antibody, Biotin Conjugated

<b>Product Code</b>	CSB-MA869725
<b>Storage</b>	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
<b>Raised In</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Tested Applications</b>	FC
<b>Relevance</b>	<p>4AA9 reacts with CD45, a 180-220 kDa leukocyte common antigen (LCA). CD45 antigen is expressed at high levels on all hematopoietic cells including T and B lymphocytes, monocytes, granulocytes, NK cells and dendritic cells, but is not expressed on non-hematopoietic cells. CD45 antibody has also been reported to react weakly with mature blood erythrocytes and platelets. CD45 is a protein tyrosine phosphatase receptor that is critically important for T and B cell antigen receptor-mediated activation.*Target of immunosuppressive antibody treatment. 1. Knapp, W et al., eds. (1989) Leucocyte Typing IV: White Cell Differentiation Antigens, Oxford University Press, New York.2. Trowbridge, IS and Thomas, ML. (1993) Annu. Rev. Immunol. 12:85.3. Pulido, R et al., (1988) J. Immunol. 140:3851.4. Roach, T et al., (1997) Curr. Biol. 7:408.</p>
<b>Form</b>	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
<b>Isotype</b>	IgG2a
<b>Clonality</b>	Monoclonal
<b>Product Type</b>	Monoclonal Antibody
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Clone No.</b>	7G3
<b>Usage</b>	For Research Use Only. Not for use in diagnostic or therapeutic procedures.