



PTPRC Monoclonal Antibody, Purified

Product Code	CSB-MA135182
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Raised In	Mouse
Species Reactivity	Human
Tested Applications	ELISA, IF, FC; Recommended dilution: IF: 1:100-1:200
Relevance	<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.</p> <p>*Target of immunosuppressive antibody treatment.</p> <ol style="list-style-type: none">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.
Form	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide
Isotype	IgG2a
Clonality	Monoclonal
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	4AA9