



CD45 Recombinant Monoclonal Antibody

Product Code	CSB-RA019049A0HU
Abbreviation	Receptor-type tyrosine-protein phosphatase C
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P08575
Immunogen	A synthesized peptide
Species Reactivity	Human
Tested Applications	ELISA
Relevance	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 (By similarity).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, L-CA, T200, CD45, PTPRC
Immunogen Species	Homo sapiens (Human)
Research Area	Immunology
Target Names	PTPRC
Clone No.	3B10
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.