

CD45 Antibody PE Conjugated

Catalog No: #C00315P

Package Size: #C00315P 100ul

Description

Product Name	CD45 Antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	FCM
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide aa 1210-1260 1304 derived from human CD45
Conjugates	PE
Target Name	CD45
Other Names	LCA; LY5; B22; CD45; L-CA; T2; CD45R; GP18; Receptor-type tyrosine-protein phosphatase C; Leukocyte common antigen; PTPRC
Accession No.	Swiss-Prot#P08575NCBI Gene ID5788
Concentration	1mg ml
Formulation	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Storage	Store at 4C for 12 months.

Application Details

FCM: 1:20-100

Background

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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.