

CD45 Antibody FITC Conjugated

Catalog No: #C00315F

Package Size: #C00315F 100ul

Description

Product Name	CD45 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 1210-1260 1304 derived from human CD45
Conjugates	FITC
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	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=2ug/Test

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.