

## CD45 Antibody PE Conjugated

Catalog No: #C00815P

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	CD45 Antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt, ICC, IF
Species Reactivity	Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 500-530 1291 derived from mouse CD45
Conjugates	PE
Target Name	CD45
Other Names	Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, Lymphocyte antigen 5, L-CA, Ly-5, T200
Accession No.	Swiss-Prot#P06800
Uniprot	P06800
GeneID	19264;
Excitation Emission	480,565nm 578nm
Cell Localization	Extracellular
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=1:50-200 ICC=1:50-200 IF=1:50-200

## 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 (By similarity). Dephosphorylates LYN, and thereby modulates LYN activity.

Note: This product is for in vitro research use only