

CD45 Mouse anti-Chicken Monoclonal (RPE) Antibody - LS-C44825 - LSBio

CatalogID:	LS-C44825
Target:	protein tyrosine phosphatase, receptor type, C (PTPRC)
Synonyms:	PTPRC Antibody, B220 Antibody, CD45R Antibody, CD45 Antibody, gp180 Antibody, Leukocyte common antigen Antibody, L-CA Antibody, Leucocyte common antigen Antibody, LY5 Antibody, T200 Antibody, T200 glycoprotein Antibody, T200 leukocyte common antigen Antibody, CD45 antigen Antibody, LCA Antibody
Family / Subfamily:	Protein Phosphatase / R1/R6
Host	PTPRC antibody was produced in Mouse
Clonality:	Monoclonal
Isotype:	IgG2a
Conjugations:	R. Phycoerythrin (RPE)
Immunogen Species:	CD45 antibody was raised against Chicken
Immunogen:	CD45 antibody was raised against cOS cells transfected with CD45 gene.
Specificity:	Recognizes chicken CD45 (leucocyte common antigen), a heavily-glycosylated transmembrane protein tyrosine phosphatase (PTPase) expressed by all nucleated cells of hematopoietic origin. Variation in the expression of a particular CD45 isoform, is regulated during the hematopoietic development of the different cell lineages. CD45 is essential for antigen-induced signal transduction through the antigen receptor and as with other PTPase family members, acts in balance with protein tyrosine kinases, causing the dephosphorylation of negative regulatory tyrosine sites. Studies have indicated that dephosphorylation by CD45, is required for the activation of the src-family kinases p56lck and p59fyn. Investigations into the properties of CD45 in chicken models are limited, but there is evidence of the existence of an additional cysteine residue near the transmembrane region. The overall domain structure between mammalian and chicken CD45 appears to be conserved, but the sequence homology between the extracellular regions is very low
Reactivity:	Chicken
Purification:	Protein G purified
Reconstitution:	Distilled Water.
Presentation:	Lyophilized, 0.09% sodium azide, 1% BSA.
Usage Summary:	Flow Cytometry: Use 10 ul of the suggested working dilution to label 10 ⁶ cells in 100 ul.
Uses:	Flow Cytometry (1:1 - 1:5) (Optimal dilution to be determined by the researcher)
Size:	100 tst
Requested From:	Japan

Laboratory Reagent For In Vitro Research Use Only

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