

CD45 Antibody, mAb, Mouse

Cat. No.	Name	Clone
V04401	CD45 Antibody (M8A9), mAb, Mouse	M8A9
Specificity:	Human CD45	
Isotype:	IgG1	
Production:	Cultured <i>in vitro</i> under conditions free from animal-derived components	
Purification:	Protein A/G affinity column	
Formulation:	PBS, pH 7.4, containing 0.03% Proclin 300.	
Storage:	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.	
Application:	Flow Cytometry	
Antigen description:	CD45, known as leukocyte common antigen (LCA) and T200, is a single chain type I membrane glycoprotein. It is a tyrosine phosphatase and expressed on the surface of all leukocytes, including lymphocytes, monocytes, granulocytes, eosinophils, and thymocytes. CD45 plays an important role in regulating the activation of T and B cells.	
Note:	GenScript can customize this product per customer's request including product size, buffer components, etc.	

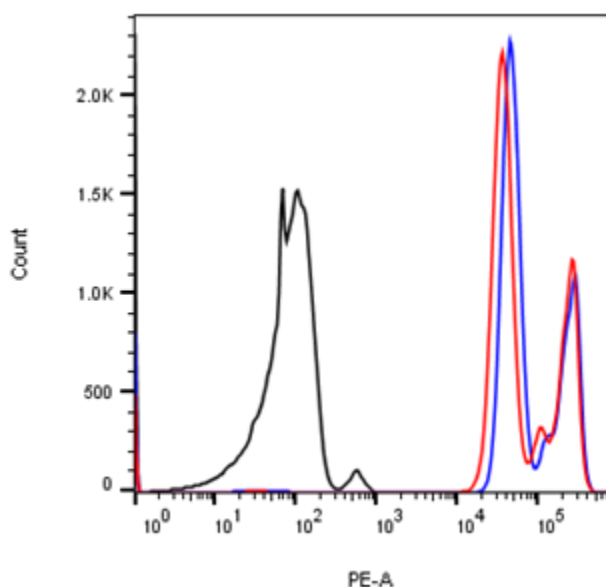
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Example:

Flow cytometric analysis of CD45 expression on human peripheral blood mononuclear cell (PBMC)



Flow cytometric analysis of human whole blood after red blood cell lysis using CD45 Antibody (M8A9), mAb, Mouse (GenScript, V04401; red curve) or with a negative control (black curve), or with a positive antibody (blue curve) followed by R-PE conjugated anti-mouse IgG.

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