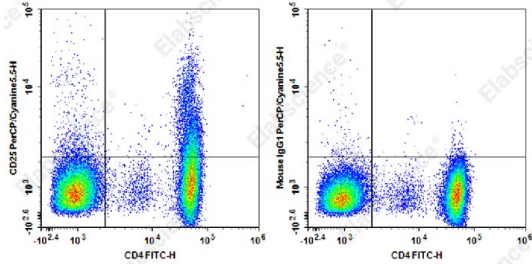


PerCP/Cyanine5.5 Anti-Human CD25 Antibody[CHI621]

Catalog Number: GFH00360J

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description	
Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1
Clone No.	CHI621
Isotype Control	PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792J]
Conjugation	PerCP/Cyanine 5.5
Conjugation Information	PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.
Applications	Recommended usage
FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (millie cells in 100 μL staining volume or per 122 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Data	
	
Staining of normal human peripheral blood cells with FITC Anti-Human CD4 Antibody and PerCP/Cyanine5.5 Anti-Human CD25 Antibody[CHI621] (left) or PerCP/Cyanine5.5 Mouse IgG1, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.	
Preparation & Storage	
Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag
Antigen Information	
Alternate Names	IL-2 receptor α chain;Low affinity IL-2R;IL-2Rα chain
Uniprot ID	P01589
Gene ID	3559

For Research Use Only

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Rev. V1.3

Background

CD25 is a 55 kD type I transmembrane glycoprotein also known as the low affinity IL-2 receptor α chain or Tac. It is expressed on progenitor lymphocytes, activated T and B cells, and activated monocytes/macrophages. CD25 is also expressed on a subset of non-stimulated CD4+ T cells termed T regulatory cells. CD25 associates with the IL-2 receptor β (CD122) and common γ chains (CD132) to form the high affinity IL-2R complex.