

产品名称: CD122 Mouse Monoclonal Antibody
产品货号: AMM82015



产品概述 (Summary)

产品名称 (Production Name)	CD122 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2b
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD122
别名 (Alternative Names)	IL2RB; IL15RB; P70-75
基因 ID (Gene ID)	3560.0
蛋白 ID (SwissProt ID)	P14784.Purified recombinant fragment of human CD122 (AA: extra 27-240) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	61kDa

研究背景 (Background)

The interleukin 2 receptor, which is involved in T cell-mediated immune responses, is present in 3 forms with respect to

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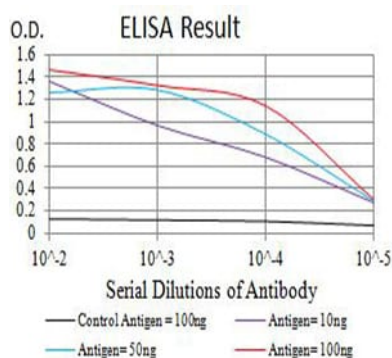


ability to bind interleukin 2. The low affinity form is a monomer of the alpha subunit and is not involved in signal transduction. The intermediate affinity form consists of an alpha/beta subunit heterodimer, while the high affinity form consists of an alpha/beta/gamma subunit heterotrimer. Both the intermediate and high affinity forms of the receptor are involved in receptor-mediated endocytosis and transduction of mitogenic signals from interleukin 2. The protein encoded by this gene represents the beta subunit and is a type I membrane protein. The use of alternative promoters results in multiple transcript variants encoding the same protein. The protein is primarily expressed in the hematopoietic system. The use by some variants of an alternate promoter in an upstream long terminal repeat (LTR) results in placenta-specific expression.

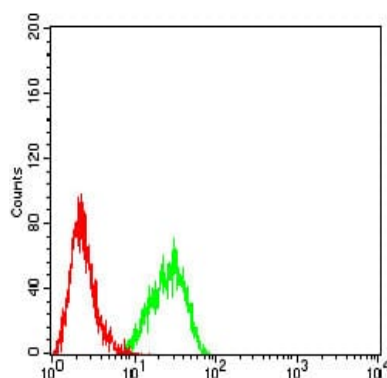
研究领域 (Research Area)

TGF-beta signaling pathway, PI3K-Akt signaling pathway, Jak-STAT signaling pathway

图片 (Image Data)

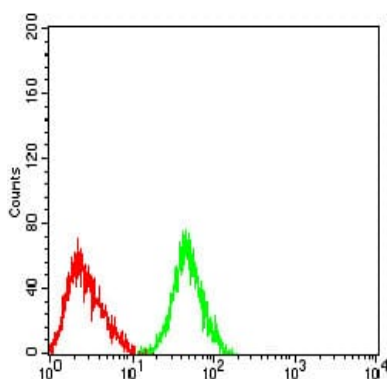


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Flow cytometric analysis of HL-60 cells using CD122 mouse mAb (green) and negative control (red).

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Flow cytometric analysis of Jurkat cells using CD122 mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .