

产品名称: CD129 Mouse Monoclonal Antibody
产品货号: AMM81978



产品概述 (Summary)

产品名称 (Production Name)	CD129 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,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 IgG1
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)	CD129
别名 (Alternative Names)	IL9R; IL-9R
基因 ID (Gene ID)	3581.0
蛋白 ID (SwissProt ID)	Q01113.Purified recombinant fragment of human CD129 (AA: extra 41-270) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	57.1kDa

研究背景 (Background)

The protein encoded by this gene is a cytokine receptor that specifically mediates the biological effects of interleukin 9

产品名称: CD129 Mouse Monoclonal Antibody
产品货号: AMM81978

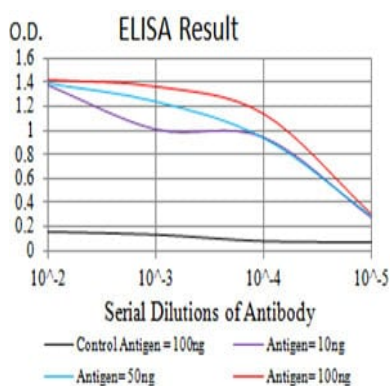


(IL9). The functional IL9 receptor complex requires this protein as well as the interleukin 2 receptor, gamma (IL2RG), a common gamma subunit shared by the receptors of many different cytokines. The ligand binding of this receptor leads to the activation of various JAK kinases and STAT proteins, which connect to different biologic responses. This gene is located at the pseudoautosomal regions of X and Y chromosomes. Genetic studies suggested an association of this gene with the development of asthma. Multiple pseudogenes on chromosome 9, 10, 16, and 18 have been described. Alternatively spliced transcript variants have been found for this gene.

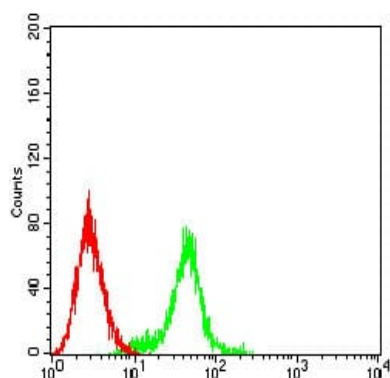
研究领域 (Research Area)

TGF-beta 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 Ramos cells using CD129 mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .