

产品名称: CD126 Mouse Monoclonal Antibody
产品货号: AMM82789



产品概述 (Summary)

产品名称 (Production Name)	CD126 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human, Mouse

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)	CD126
别名 (Alternative Names)	IL6Q; gp80; CD126; HIES5; IL-6R; IL6RA; IL6RQ; IL-1Ra; IL-6RA; IL6QTL; IL-6R-1
基因 ID (Gene ID)	3570.0
蛋白 ID (SwissProt ID)	P08887.Purified recombinant fragment of human CD126 (AA: EXTRA 20-177) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	52kDa

研究背景 (Background)

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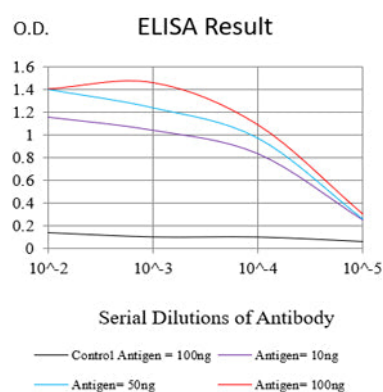


This gene encodes a subunit of the interleukin 6 (IL6) receptor complex. Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been identified in this gene. A pseudogene of this gene is found on chromosome 9. [provided by RefSeq, Aug 2020]

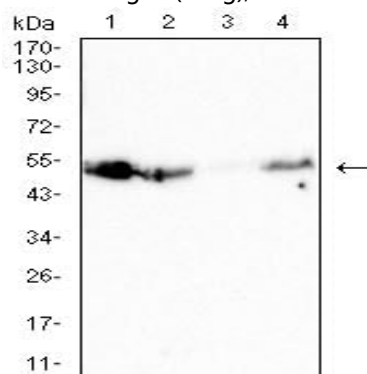
研究领域 (Research Area)

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

图片 (Image Data)

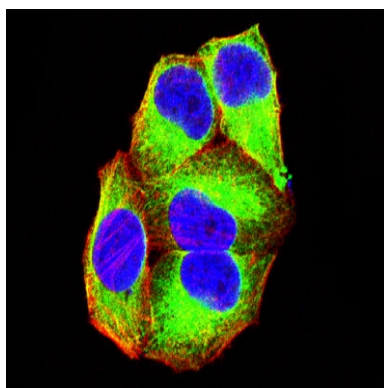


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

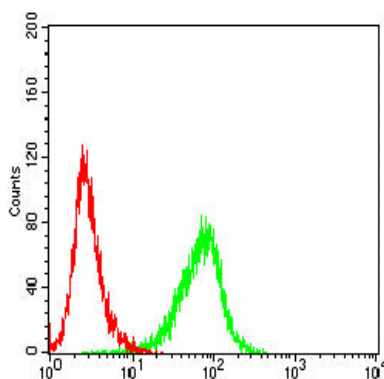


Western blot analysis using CD126 mouse mAb against Jurkat (1), MOLT4 (2), Raw264.7 (3) and THP-1 (4) cell lysate.

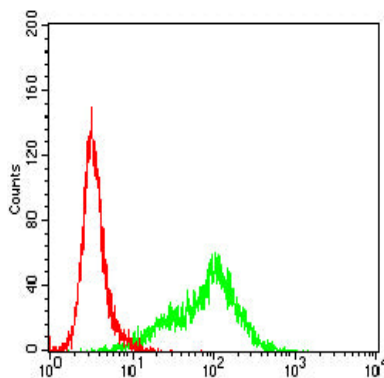
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Immunofluorescence analysis of HeLa cells using CD126 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

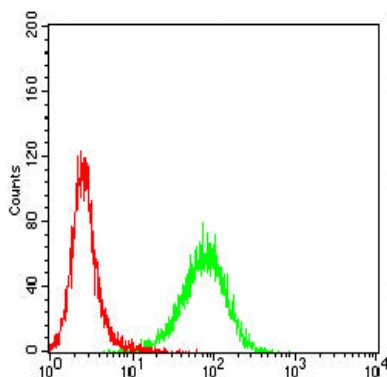


Flow cytometric analysis of Jurkat cells using CD126 mouse mAb (green) and negative control (red).

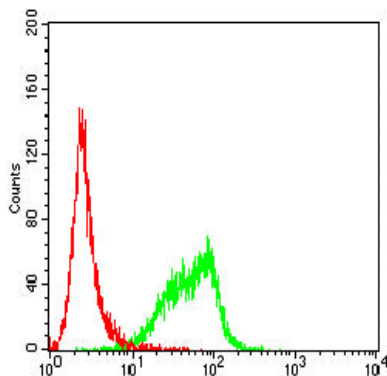


Flow cytometric analysis of K562 cells using CD126 mouse mAb (green) and negative control (red).

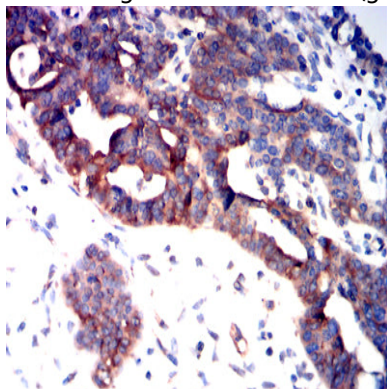
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Flow cytometric analysis of THP-1 cells using CD126 mouse mAb (green) and negative control (red).

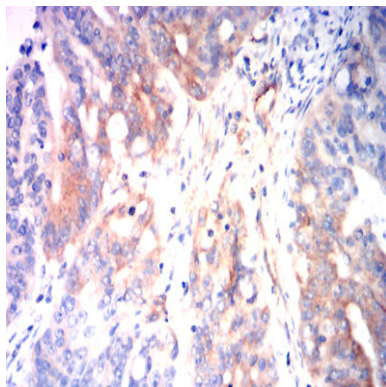


Flow cytometric analysis of U937 cells using CD126 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using CD126 mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human rectal cancer tissues using CD126 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .