

产品名称: CD4 Mouse Monoclonal Antibody
产品货号: AMM84943



产品概述 (Summary)

产品名称 (Production Name)	CD4 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC
种属反应性 (Reactivity)	Human,Mouse,Rat

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,0.5%protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CD4
别名 (Alternative Names)	CD4; T-cell surface glycoprotein CD4; T-cell surface antigen T4/Leu-3; CD antigen CD4
基因 ID (Gene ID)	920.0
蛋白 ID (SwissProt ID)	P01730.Synthetic peptide conjugated to KLH.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:50-1:100
蛋白分子量 (Molecular Weight)	/

研究背景 (Background)

产品名称: CD4 Mouse Monoclonal Antibody
产品货号: AMM84943

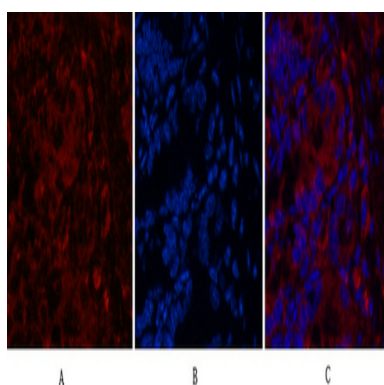


Cluster of Differentiation 4 (CD4) is a glycoprotein composed of an amino-terminal extracellular domain (four domains: D1-D4 with Ig-like structures), a transmembrane part and a short cytoplasmic tail. CD4 is expressed on the surface of T helper cells, regulatory T cells, monocytes, macrophages and dendritic cells, and plays an important role in the development and activation of T cells. On T cells, CD4 is the co-receptor for the T cell receptor (TCR), and these two distinct structures recognize the Antigen-Major Histocompatibility Complex (MHC).

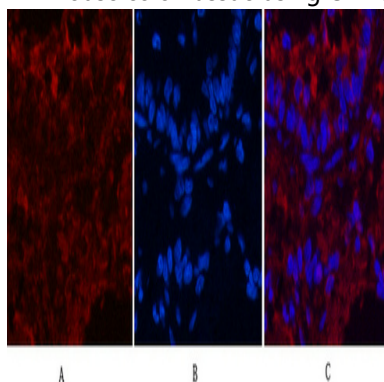
研究领域 (Research Area)

TGF-beta signaling pathway

图片 (Image Data)

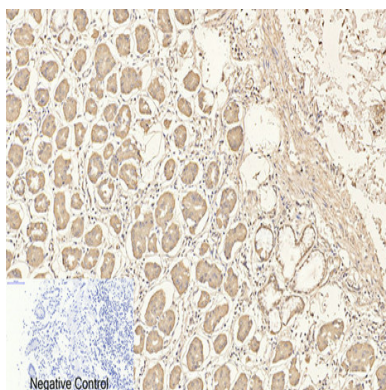


Immunofluorescence analysis of CD4 in mouse colon tissue using CD4 antibody(11A1)(red),and DAPI (blue).

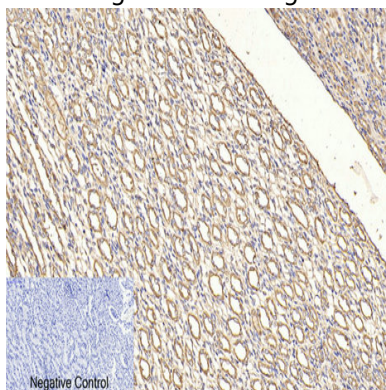


Immunofluorescence analysis of CD4 in rat lung using CD4 antibody(11A1)(red),and DAPI (blue).

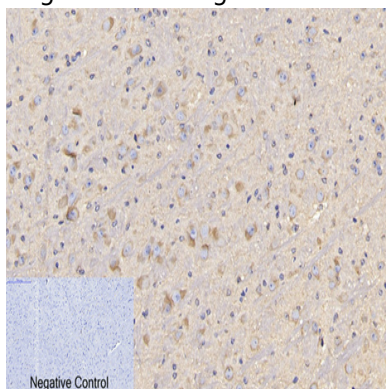
产品名称: CD4 Mouse Monoclonal Antibody
产品货号: AMM84943



Immunohistochemistry analysis of paraffin-embedded Human stomach tissue using CD4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

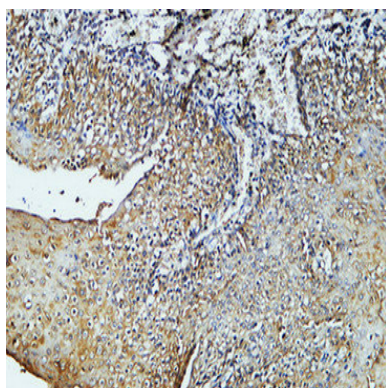


Immunohistochemical analysis of paraffin-embedded Human tonsils using CD4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.



Immunohistochemistry analysis of paraffin-embedded mouse brain tissue using CD4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval. Negative control was used by secondary antibody only.

产品名称: CD4 Mouse Monoclonal Antibody
产品货号: AMM84943



Immunohistochemistry analysis of paraffin-embedded Human Amygdala using CD4 antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval.

注意事项 (Note)

For research use only .