

产品名称: TGFb1 Mouse Monoclonal Antibody
产品货号: AMM81149



产品概述 (Summary)

产品名称 (Production Name)	TGFb1 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)	TGFb1
别名 (Alternative Names)	CED; LAP; DPD1; TGFB; TGFbeta
基因 ID (Gene ID)	7040.0
蛋白 ID (SwissProt ID)	P01137.Purified recombinant fragment of human TGFb1 (AA: 62-195) 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)	44.3kDa

研究背景 (Background)

This gene encodes a member of the transforming growth factor beta (TGFB) family of cytokines, which are multifunctional

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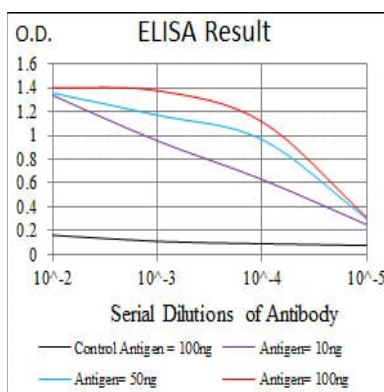


peptides that regulate proliferation, differentiation, adhesion, migration, and other functions in many cell types. Many cells have TGFb receptors, and the protein positively and negatively regulates many other growth factors. The secreted protein is cleaved into a latency-associated peptide (LAP) and a mature TGFb1 peptide, and is found in either a latent form composed of a TGFb1 homodimer, a LAP homodimer, and a latent TGFb1-binding protein, or in an active form composed of a TGFb1 homodimer. The mature peptide may also form heterodimers with other TGFb family members. This gene is frequently upregulated in tumor cells, and mutations in this gene result in Camurati-Engelmann disease

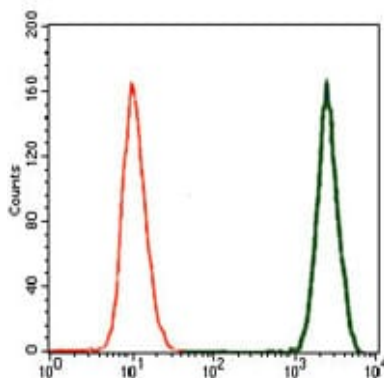
研究领域 (Research Area)

TGF-beta signaling pathway, MAPK signaling pathway

图片 (Image Data)

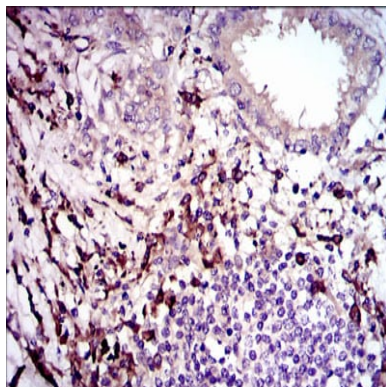


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

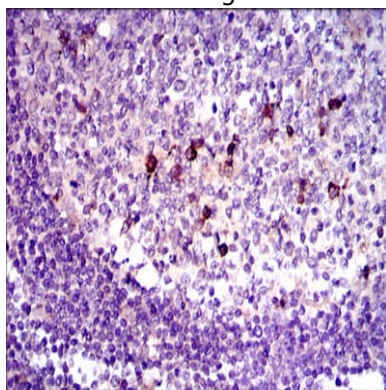


Flow cytometric analysis of A549 cells using TGFb1 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using TGFb1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human lymphoid tissue tissues using TGFb1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .