

产品名称: SERPINA7 Mouse Monoclonal Antibody
产品货号: AMM81268



产品概述 (Summary)

产品名称 (Production Name)	SERPINA7 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC, ICC, 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)	SERPINA7
别名 (Alternative Names)	TBG
基因 ID (Gene ID)	6906.0
蛋白 ID (SwissProt ID)	P05543. Purified recombinant fragment of human SERPINA7 (AA: 168-302) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	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)	46.3kDa

研究背景 (Background)

There are three proteins including thyroxine-binding globulin (TBG), transthyretin and albumin responsible for carrying the

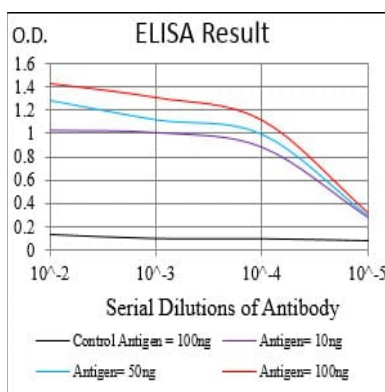
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thyroid hormones thyroxine (T4) and 3,5,3'-triiodothyronine (T3) in the bloodstream. This gene encodes the major thyroid hormone transport protein, TBG, in serum. It belongs to the serpin family in genomics, but the protein has no inhibitory function like many other members of the serpin family. Mutations in this gene result in TGB deficiency, which has been classified as partial deficiency, complete deficiency, and excess, based on the level of serum TBG. Alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of these variants has not been determined.

研究领域 (Research Area)

图片 (Image Data)

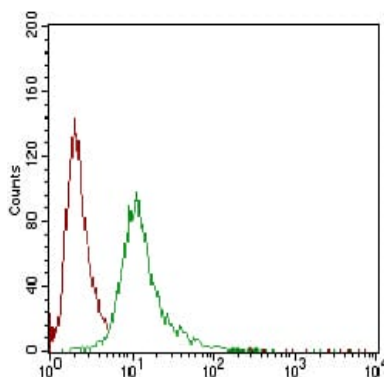


Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

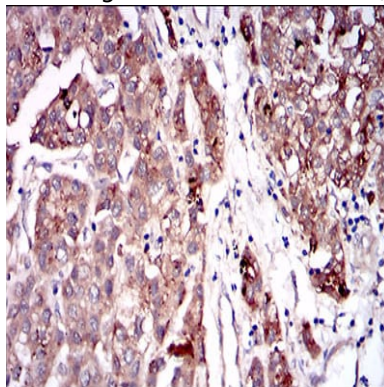


Immunofluorescence analysis of A431 cells using SERPINA7 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

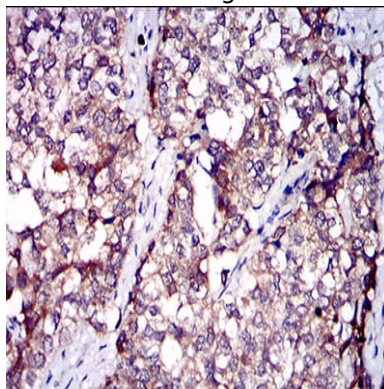
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Flow cytometric analysis of A431 cells using SERPINA7 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using SERPINA7 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using SERPINA7 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .