

产品名称: HNF1B Mouse Monoclonal Antibody
产品货号: AMM82944



产品概述 (Summary)

产品名称 (Production Name)	HNF1B 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, 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
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HNF1B
别名 (Alternative Names)	T2D; FJHN; HNF2; LFB3; RCAD; TCF2; HPC11; LF-B3; MODY5; TCF-2; VHNF1; ADTKD3; HNF-1B; HNF1beta; HNF-1-beta
基因 ID (Gene ID)	6928.0
蛋白 ID (SwissProt ID)	P35680.Purified recombinant fragment of human HNF1B (AA: 23-132) 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 1:50-1:200,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	61.3kDa

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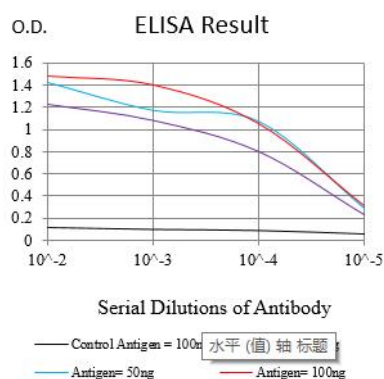


研究背景 (Background)

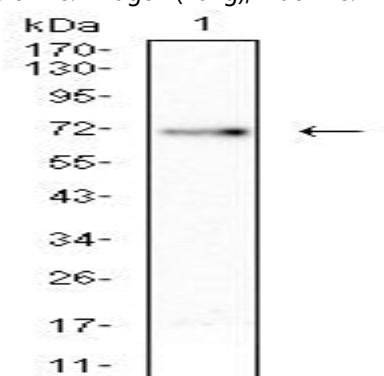
This gene encodes a member of the homeodomain-containing superfamily of transcription factors. The protein binds to DNA as either a homodimer, or a heterodimer with the related protein hepatocyte nuclear factor 1-alpha. The gene has been shown to function in nephron development, and regulates development of the embryonic pancreas. Mutations in this gene result in renal cysts and diabetes syndrome and noninsulin-dependent diabetes mellitus, and expression of this gene is altered in some types of cancer. Multiple transcript variants encoding different isoforms have been found for this gene.

研究领域 (Research Area)

图片 (Image Data)

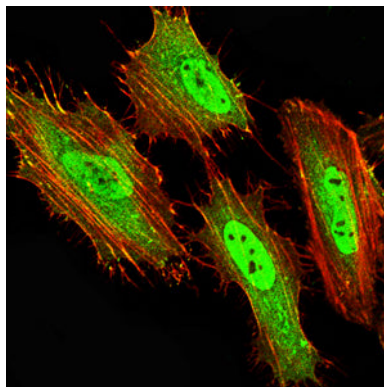


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

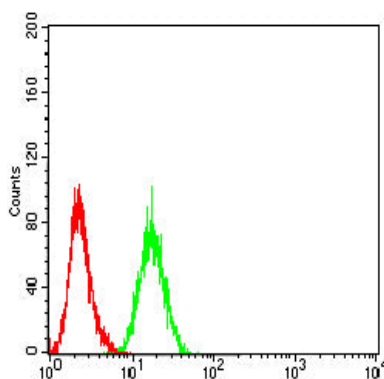


Western blot analysis using HNF1B mouse mAb against HeLa (1) cell lysate.

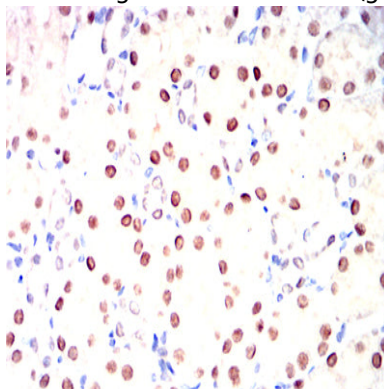
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Immunofluorescence analysis of Hela cells using HNF1B mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

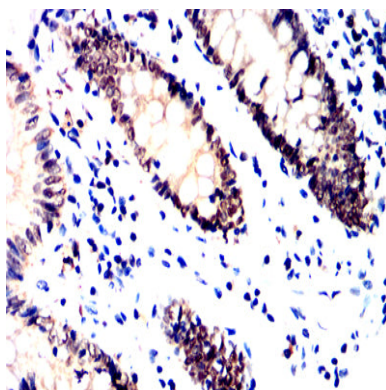


Flow cytometric analysis of PC-3 cells using HNF1B mouse mAb (green) and negative control (red).

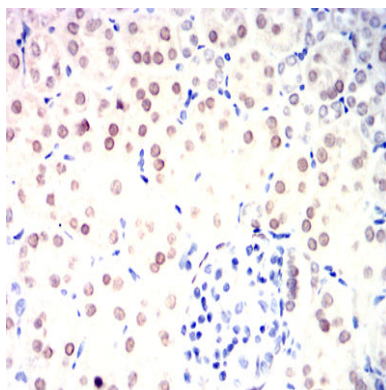


Immunohistochemical analysis of paraffin-embedded rat kidney tissues using HNF1B mouse mAb with DAB staining.

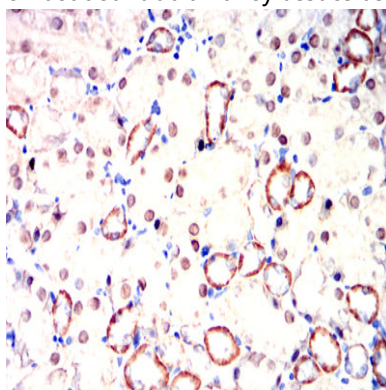
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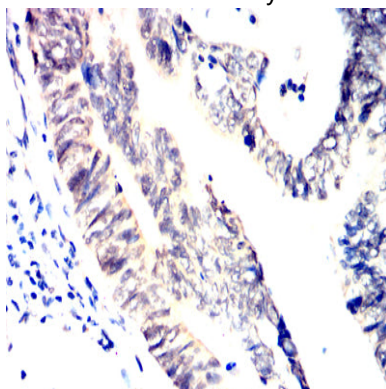
Immunohistochemical analysis of paraffin-embedded human colon tissues using HNF1B mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rabbit kidney tissues using HNF1B mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded mouse kidney tissues using HNF1B mouse mAb with DAB staining.



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Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using HNF1B mouse mAb with DAB staining.

注意事项 (Note)

For research use only .