

产品名称: ISL1 Mouse Monoclonal Antibody
产品货号: AMM80738



产品概述 (Summary)

产品名称 (Production Name)	ISL1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC, ICC, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat, Rabbit

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)	ISL1
别名 (Alternative Names)	Isl-1; ISLET1
基因 ID (Gene ID)	3670.0
蛋白 ID (SwissProt ID)	P61371. Purified recombinant fragment of human ISL1 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:100-1:500, ICC 1:50-1:500, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	39kDa

研究背景 (Background)

ISL1 (ISL1 transcription factor, LIM/homeodomain) is a member of the LIM/homeodomain family of transcription factors. It binds to the enhancer region of the insulin gene, among others, and may play an important role in regulating insulin gene

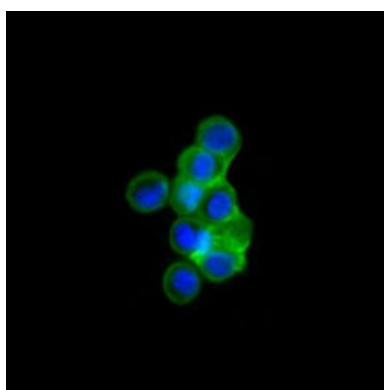
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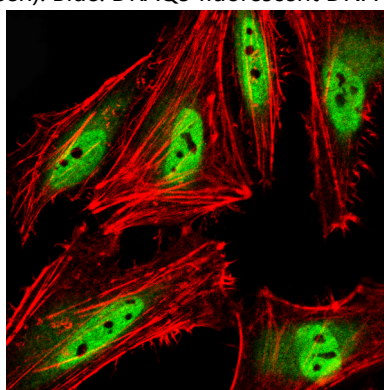
expression. It is central to the development of pancreatic cell lineages and may also be required for motor neuron generation. Islet-1 expression defines cardiac progenitor cell populations and is required for normal cardiac development and asymmetry. Mutations in this gene have been associated with maturity-onset diabetes of the young.

研究领域 (Research Area)

图片 (Image Data)

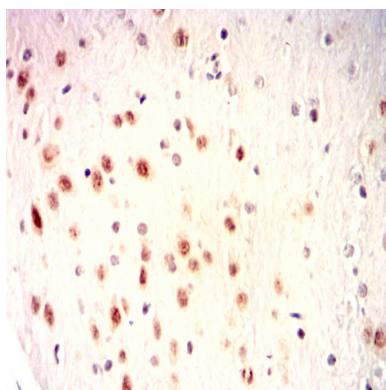


Confocal Immunofluorescence analysis of HEK293 cells trasfected with full-length ISL1-hlgGfc using ISL1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

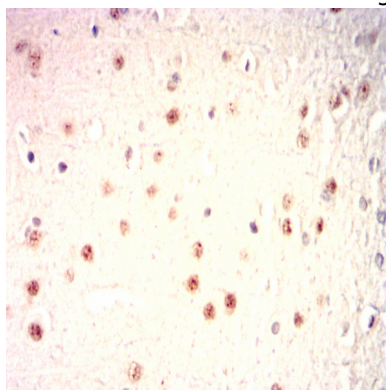


Immunofluorescence analysis of Hela cells using ISL1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

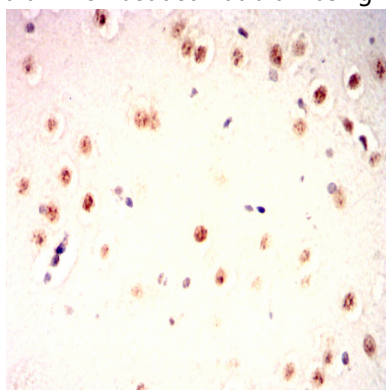
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Immunohistochemical analysis of paraffin-embedded Mouse brain using ISL1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat brain using ISL1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit brain using ISL1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .