

Mouse Anti-HNF1 Alpha/TCF1 [MD191]: MC0439, MC0439RTU7

Intended Use: For Research Use Only

Description: HNF1 Alpha belongs to the homeobox protein family and is an essential transcription factor for many hepatic genes involved in detoxification, homeostasis and metabolisms of glucose, lipid, steroid and amino acid. In addition, HNF1A is an important component of the transcriptional networks governing embryonic pancreas development and differentiation. as well as maintaining the growth and function of islet cells in adult. HNF1A (Hepatocyte nuclear factor 1 alpha) is a transcription factor that is known to regulate pancreatic differentiation and maintain homeostasis of endocrine pancreas. Recently, genome-wide association studies have implicated HNF1A as a susceptibility gene for pancreatic cancer.

Specifications:

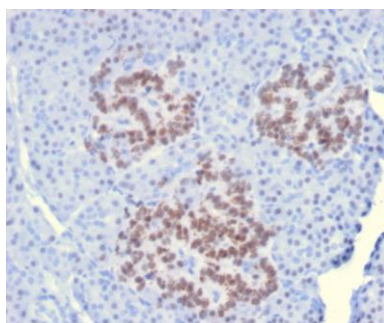
Clone: MD191
Source: Mouse
Isotype: IgG1k
Reactivity: Human
Immunogen: Recombinant fragment aa 214-339 of human HNF1A protein
Localization: Nucleus
Formulation: Purified antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN₃)
Storage: Store at 2°- 8°C
Applications: IHC, ELISA
Package:

Description	Catalog No.	Size
HNF1 Alpha/TCF1 Concentrated	MC0439	1 ml
HNF1 Alpha/TCF1 Prediluted	MC0439RTU7	7 ml

IHC Procedure*:

Positive Control Tissue: Small intestine or pancreas, Jurkat cells
Concentrated Dilution: 50-200
Pretreatment: Tris EDTA pH9.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human pancreas stained with anti-HNF1A using DAB

References:

1. Altered immune cell follicular dynamics in HIV infection following influenza vaccination. Moysi E, et al. J Clin Invest 128:3171-3185, 2018.
2. Establishment of a combination scoring method for diagnosis of ocular adnexal lymphoproliferative disease. Qu XL, et al. PLoS One 12:e0160175, 2017.

Doc. 100-MC0439
Rev. A