

产品名称: WNT1 Mouse Monoclonal Antibody
产品货号: AMM80766



产品概述 (Summary)

产品名称 (Production Name)	WNT1 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

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)	WNT1
别名 (Alternative Names)	INT1
基因 ID (Gene ID)	7471.0
蛋白 ID (SwissProt ID)	P04628.Purified recombinant fragment of WNT1 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 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	41kDa

研究背景 (Background)

WNT1: wingless-type MMTV integration site family, member 1. The WNT gene family consists of structurally related genes

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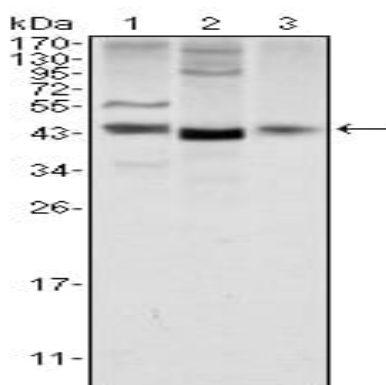


which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It is very conserved in evolution, and the protein encoded by this gene is known to be 98% identical to the mouse Wnt1 protein at the amino acid level. The studies in mouse indicate that the Wnt1 protein functions in the induction of the mesencephalon and cerebellum. This gene was originally considered as a candidate gene for Joubert syndrome, an autosomal recessive disorder with cerebellar hypoplasia as a leading feature. However, further studies suggested that the gene mutations might not have a significant role in Joubert syndrome. This gene is clustered with another family member, WNT10B, in the chromosome 12q13 region.

研究领域 (Research Area)

Wnt signaling pathway

图片 (Image Data)



Western blot analysis using WNT1 mouse mAb against NIH/3T3 (1), 3T3L1 (2) and HeLa (3) cell lysate.

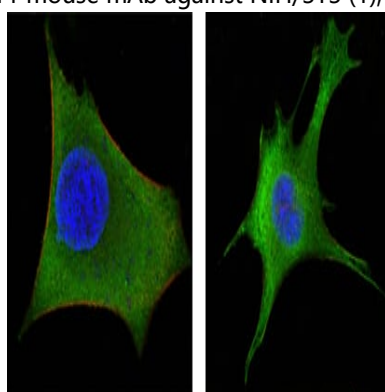
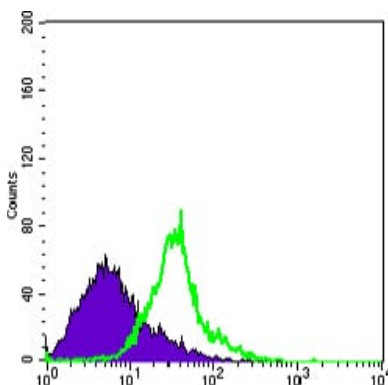
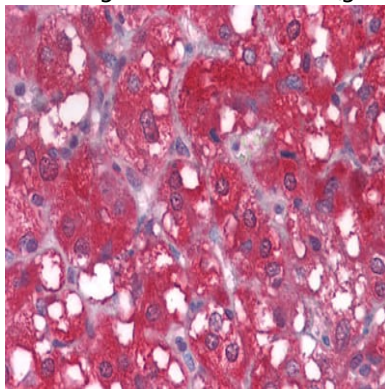


Figure3: Confocal Immunofluorescence analysis of HeLa (left) and 3T3-L1 (right) cells using WNT1 mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

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Flow cytometric analysis of Hela cells using WNT1 mouse mAb (green) and negative control (purple).



Immunohistochemical analysis of paraffin-embedded human Adrenal tissues using WNT1 mouse mAb

注意事项 (Note)

For research use only .