

产品名称: DCLK2 Mouse Monoclonal Antibody
产品货号: AMM82895



产品概述 (Summary)

产品名称 (Production Name)	DCLK2 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,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 IgG2a
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)	DCLK2
别名 (Alternative Names)	CL2; DCK2; CLIK2; DCDC3; CLICK2; DCDC3B; DCAMKL2; CLICK-II
基因 ID (Gene ID)	166614.0
蛋白 ID (SwissProt ID)	Q8N568.Purified recombinant fragment of human DCLK2 (AA: 652-766) expressed in mammalian.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	83.6kDa

研究背景 (Background)

This gene encodes a member of the protein kinase superfamily and the doublecortin family. The protein encoded by this

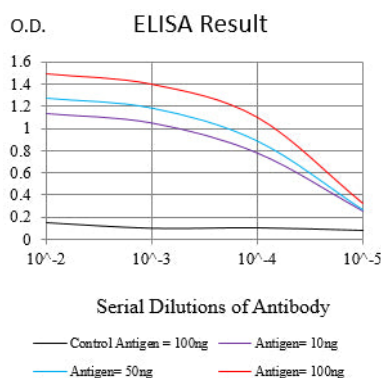
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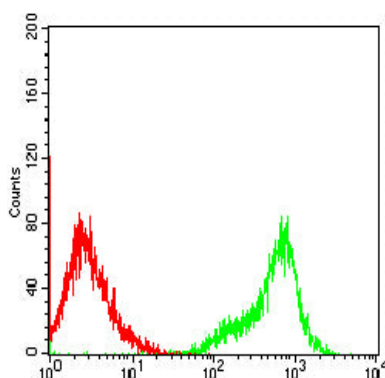
gene contains two N-terminal doublecortin domains, which bind microtubules and regulate microtubule polymerization, a C-terminal serine/threonine protein kinase domain, which shows substantial homology to Ca²⁺/calmodulin-dependent protein kinase, and a serine/proline-rich domain in between the doublecortin and the protein kinase domains, which mediates multiple protein-protein interactions. The microtubule-polymerizing activity of the encoded protein is independent of its protein kinase activity. Mouse studies show that the DCX gene, another family member, and this gene share function in the establishment of hippocampal organization and that their absence results in a severe epileptic phenotype and lethality, as described in human patients with lissencephaly. Multiple alternatively spliced transcript variants have been identified.

研究领域 (Research Area)

图片 (Image Data)

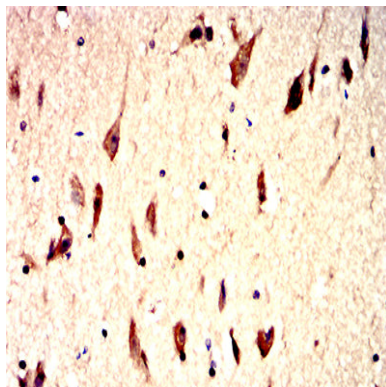


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of U937 cells using DCLK2 mouse mAb (green) and negative control (red).

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Immunohistochemical analysis of paraffin-embedded human brain tissues using DCLK2 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .