

产品名称: CHRNA3 Mouse Monoclonal Antibody
产品货号: AMM81878



产品概述 (Summary)

产品名称 (Production Name)	CHRNA3 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	ICC,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 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)	CHRNA3
别名 (Alternative Names)	LNCR2; PAOD2; NACHRA3
基因 ID (Gene ID)	1136.0
蛋白 ID (SwissProt ID)	P32297 .Purified recombinant fragment of human CHRNA3 (AA: 32-240) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	ICC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	57.5kDa

研究背景 (Background)

This locus encodes a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins

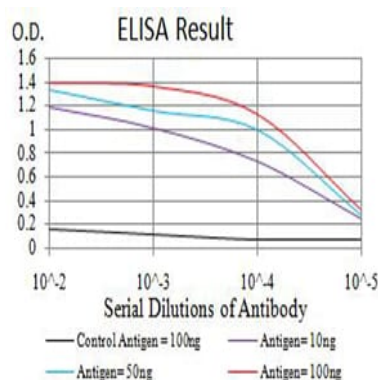
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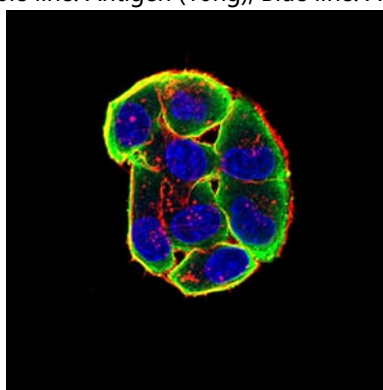
form pentameric complexes comprised of both alpha and beta subunits. This locus encodes an alpha-type subunit, as it contains characteristic adjacent cysteine residues. The encoded protein is a ligand-gated ion channel that likely plays a role in neurotransmission. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer. Alternatively spliced transcript variants have been described.

研究领域 (Research Area)

图片 (Image Data)

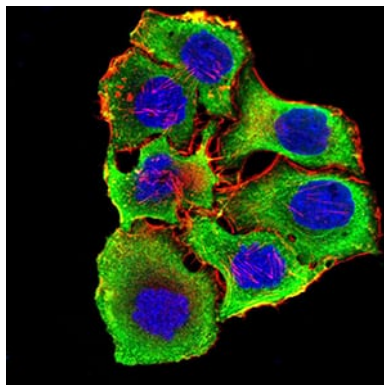


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

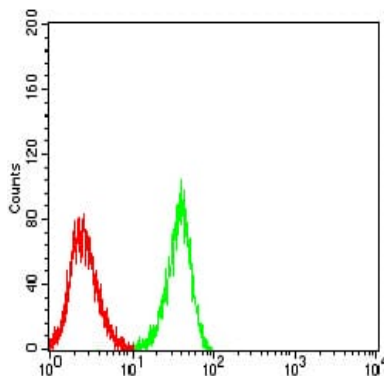


Immunofluorescence analysis of HeLa cells using CHRNA3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

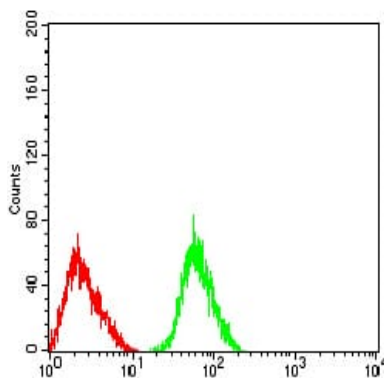
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Immunofluorescence analysis of SMMC-7721 cells using CHRNA3 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.
Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of SH-SY5Y cells using CHRNA3 mouse mAb (green) and negative control (red).



Flow cytometric analysis of SK-N-SH cells using CHRNA3 mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .