

Product Name: CHRNB4 Mouse Monoclonal Antibody
Catalog #: AMM81942



Summary

Production Name	CHRNB4 Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	ICC,FC,ELISA
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	CHRNB4
Alternative Names	CHRNB4
Gene ID	1143.0
SwissProt ID	P30926 .Purified recombinant fragment of human CHRNB4 (AA: extra 22-236) expressed in E. Coli.

Application

Dilution Ratio	ICC:1:100-1:500,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	56.4kDa

Background

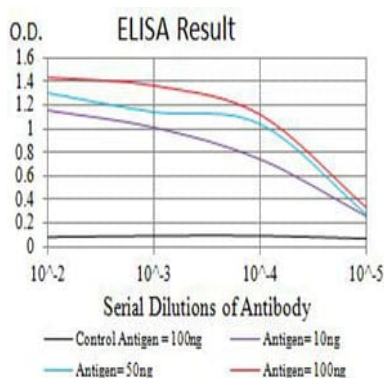
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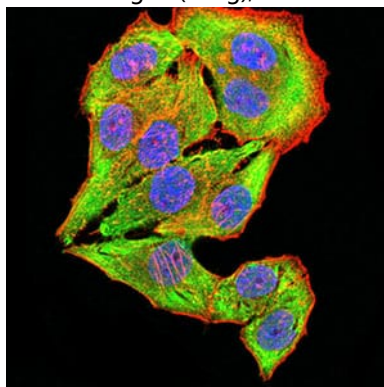
CHRNB4 (Cholinergic Receptor Nicotinic Beta 4 Subunit) is a Protein Coding gene. Diseases associated with CHRNB4 include Substance Dependence and Nicotine Dependence, Protection Against. Among its related pathways are Transmission across Chemical Synapses and Immune System. GO annotations related to this gene include extracellular ligand-gated ion channel activity and ligand-gated ion channel activity. An important paralog of this gene is CHRNB2.

Research Area

Image Data

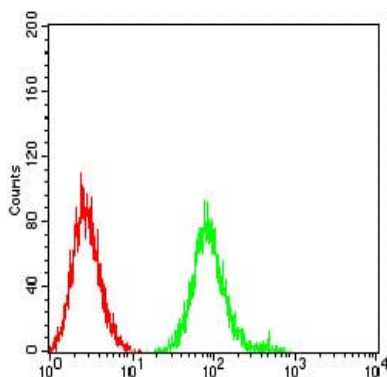


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Immunofluorescence analysis of HeLa cells using CHRNB4 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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Flow cytometric analysis of SK-N-SH cells using CHRNB4 mouse mAb (green) and negative control (red).

Note

For research use only.