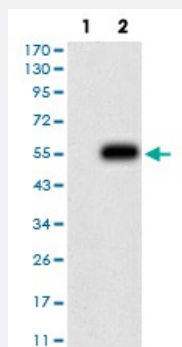


CHRNA4 monoclonal antibody, clone 1H11F2

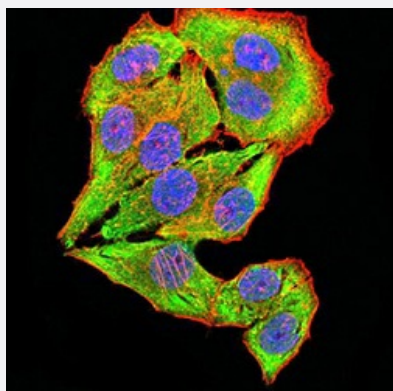
Catalog # MAB17582 Size 100 ug

Applications



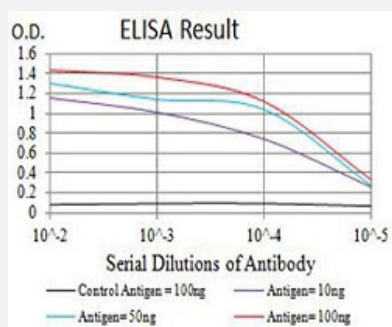
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) CHRNA4-hlgGf transfected HEK293 cell lysate.



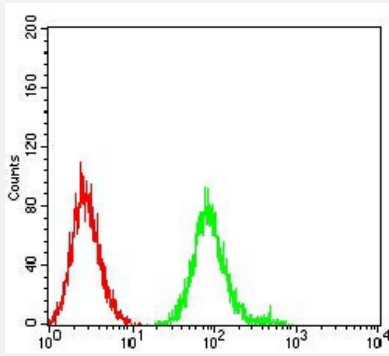
Immunocytochemistry

Immunocytochemical staining of HeLa cells with CHRNA4 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of CHRNA4 monoclonal antibody, clone 1H11F2.



Flow Cytometry

Flow cytometric analysis of SK-N-SH cells with CHRNA4 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human CHRNA4.
Immunogen	Recombinant protein corresponding to amino acid 22-236 of human CHRNA4 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	56.4
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry (1:100-1:500) Flow Cytometry (1:200-1:400) Immunohistochemistry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) CHRNB4-hlgGfc transfected HEK293 cell lysate.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with CHRNB4 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments labeled with Alexa Fluor-555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of CHRNB4 monoclonal antibody, clone 1H11F2.

- Flow Cytometry

Flow cytometric analysis of SK-N-SH cells with CHRNB4 monoclonal antibody (green) and negative control (red).

Gene Info — CHRNB4

Entrez GeneID	1143
Gene Name	CHRNB4
Gene Alias	-
Gene Description	cholinergic receptor, nicotinic, beta 4
Omim ID	118509
Gene Ontology	Hyperlink
Gene Summary	nicotinic
Other Designations	cholinergic receptor, nicotinic, beta polypeptide 4 neuronal nicotinic receptor beta 4 subunit

Disease

- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Amyotrophic lateral sclerosis](#)
- [Bipolar Disorder](#)
- [Carcinoma](#)

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