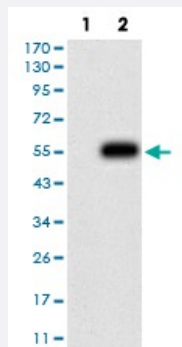


# CHRNA4 monoclonal antibody, clone 7F5B2

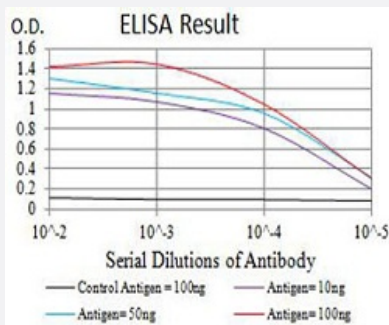
Catalog # MAB17581      Size 100 ug

## Applications



### Western Blot (Transfected lysate)

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



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of CHRNA4 monoclonal antibody, clone 7F5B2.

## 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                                                                                         |

|                            |                                                                                                                                                                                       |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Recommend Usage</b>     | ELISA (1:10000)<br>Western Blot (1:500-1:2000)<br>Immunocytochemistry<br>Flow Cytometry<br>Immunohistochemistry<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS (0.05% sodium azide).                                                                                                                                                          |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                |
| <b>Note</b>                | 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) CHRNA4-hlgGfC transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of CHRNA4 monoclonal antibody, clone 7F5B2.

## Gene Info — CHRNA4

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">1143</a>                                                                           |
| <b>Gene Name</b>          | CHRNA4                                                                                         |
| <b>Gene Alias</b>         | -                                                                                              |
| <b>Gene Description</b>   | cholinergic receptor, nicotinic, beta 4                                                        |
| <b>Omim ID</b>            | <a href="#">118509</a>                                                                         |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                      |
| <b>Gene Summary</b>       | nicotinic                                                                                      |
| <b>Other Designations</b> | cholinergic receptor, nicotinic, beta polypeptide 4 neuronal nicotinic receptor beta 4 subunit |

## Disease

- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Amyotrophic lateral sclerosis](#)
- [Bipolar Disorder](#)
- [Carcinoma](#)
- [Cocaine-Related Disorders](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Mental Disorders](#)
- [Motor Neuron Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Substance-Related Disorders](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)