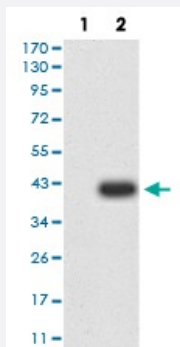


# GRM6 monoclonal antibody, clone 4C11E12

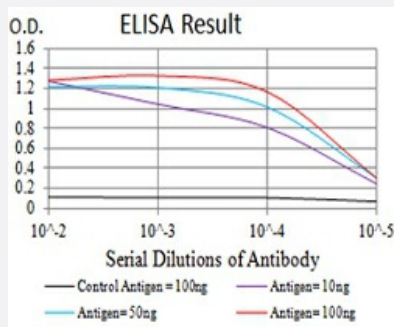
Catalog # MAB17563      Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) GRM6-hlgGfC transfected HEK293 cell lysate.



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of GRM6 monoclonal antibody, clone 4C11E12.

## Specification

Product Description	Mouse monoclonal antibody raised against recombinant human GRM6.
Immunogen	Recombinant protein corresponding to amino acid 480-585 of human GRM6 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	95.5
Reactivity	Human
Form	Liquid
Isotype	IgG1

<b>Recommend Usage</b>	ELISA (1:10000) Western Blot (1:500-1:2000) Immunocytochemistry Flow Cytometry Immunohistochemistry 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. 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) GRM6-hlgGFc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of GRM6 monoclonal antibody, clone 4C11E12.

## Gene Info — GRM6

<b>Entrez GeneID</b>	<a href="#">2916</a>
<b>Gene Name</b>	GRM6
<b>Gene Alias</b>	CSNB1B, DKFZp686H1993, GPRC1F, MGLUR6, mGlu6
<b>Gene Description</b>	glutamate receptor, metabotropic 6
<b>Omim ID</b>	<a href="#">257270 604096</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

L-glutamate is the major excitatory neurotransmitter in the central nervous system and activates both ionotropic and metabotropic glutamate receptors. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. The metabotropic glutamate receptors are a family of G protein-coupled receptors, that have been divided into 3 groups on the basis of sequence homology, putative signal transduction mechanisms, and pharmacologic properties. Group I includes GRM1 and GRM5 and these receptors have been shown to activate phospholipase C. Group II includes GRM2 and GRM3 while Group III includes GRM4, GRM6, GRM7 and GRM8. Group II and III receptors are linked to the inhibition of the cyclic AMP cascade but differ in their agonist selectivities. [provided by RefSeq]

**Other Designations**

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**Pathway**

- [Neuroactive ligand-receptor interaction](#)

**Disease**

- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Heroin Dependence](#)
- [Mental Disorders](#)
- [Myopia](#)
- [Opioid-Related Disorders](#)
- [Retinal Diseases](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)