
Product Name: GRIN3B Mouse Monoclonal Antibody**Catalog #: AMM81875**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	ELISA,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2a
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	113kDa

Antigen Information

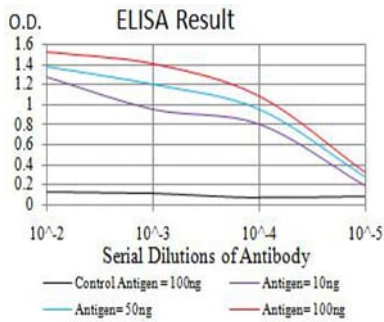
Gene Name	GRIN3B
Alternative Names	NR3B; GluN3B
Gene ID	116444.0
SwissProt ID	O60391
Immunogen	Purified recombinant fragment of human GRIN3B (AA: 135-276) expressed in E. Coli.

Background

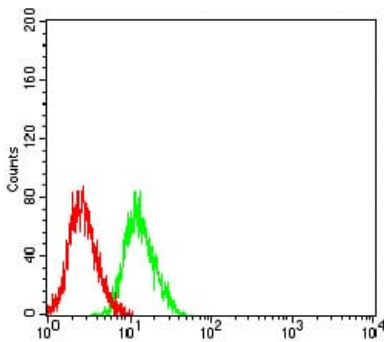
The protein encoded by this gene is a subunit of an N-methyl-D-aspartate (NMDA) receptor. The encoded protein is found primarily in motor neurons, where it forms a heterotetramer with GRIN1 to create an excitatory glycine receptor. Variations in this gene have been proposed to be linked to schizophrenia.

Research Area

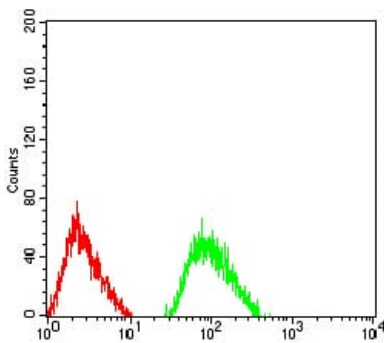
Image Data



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



Flow cytometric analysis of SH-SY5Y cells using GRIN3B mouse mAb (green) and negative control (red).



Flow cytometric analysis of SK-N-SH cells using GRIN3B mouse mAb (green) and negative control (red).