

Datasheet

GRIN2B monoclonal antibody (M01), clone 2G5

Catalog Number: H00002904-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant GRIN2B.

Clone Name: 2G5

Immunogen: GRIN2B (NP_000825, 127 a.a. ~ 236 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

HGGSSMIMADKDESSMFFQFGPSIEQQASVMLNIMEE
YDWYIFSIVTTYFPGYQDFVNKIRSTIENSFVGWELEEV
LLDMSLDDGDSKIQNQLKKLQSPIILLYCTKEE

Host: Mouse

Reactivity: Human

Applications: ELISA, PLA-Ce, S-ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.2

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2904

Gene Symbol: GRIN2B

Gene Alias: MGC142178, MGC142180, NMDAR2B, NR2B, hNR3

Gene Summary: N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate receptors. NMDA receptor channel has been shown to be involved

in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of three different subunits: NR1 (GRIN1), NR2 (GRIN2A, GRIN2B, GRIN2C, or GRIN2D) and NR3 (GRIN3A or GRIN3B). The NR2 subunit acts as the agonist binding site for glutamate. This receptor is the predominant excitatory neurotransmitter receptor in the mammalian brain. [provided by RefSeq]