

Product Data Sheet: NMDA Receptor 2B

Cat. No: AB-10145

Conjugate: Unconjugated

Size: 100 ug
Clone: POLY
Concentration: 1mg/ml
Host: Rb

Isotype:

Immunogen: A synthetic peptide of human GRIN2B

IgG

Reactivity: Hu, Ms, Rt

Applications: Western Blot: 1:500 -1:2000 Immunofluorescence: 1:50 -1:200

Molecular Weight: 180kDa **Purification:** Aff. Pur.

Synonyms: GRIN2B; EIEE27; GluN2B; MRD6; NMDAR2B; NR2B; hNR3; glutamate receptor

ionotropic, NMDA 2B

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

Background: 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.

Form: Liquid

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Storage: Store at -20°C. Avoid freeze / thaw cycles.

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