

Recombinant**DGRmAb®****NMDAR1 (DGR14132) Rabbit mAb (PBS Only)****db12435-PBS****Package : 100µg****Product Name :** NMDAR1 (DGR14132) Rabbit mAb (PBS Only)**Cat.No.:** db12435-PBS**Synonyms :** NR1; MRD8; GluN1; NMDA1; NMD-R1; NMDAR1**Application :** WB, ICC/IF**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

The protein encoded by this gene is a critical subunit of N-methyl-D-aspartate receptors, members of the glutamate receptor channel superfamily which are heteromeric protein complexes with multiple subunits arranged to form a ligand-gated ion channel. These subunits play a key role in the plasticity of synapses, which is believed to underlie memory and learning. Cell-specific factors are thought to control expression of different isoforms, possibly contributing to the functional diversity of the subunits. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human NMDAR1

Gene ID

2902

Swiss Prot

Q05586

Synonyms

NR1; MRD8; GluN1; NMDA1; NMD-R1; NMDAR1

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF

Calculated MW

105 kDa

Observed MW

120 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14132

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

| | |
|--------------------------|---|
| Concentration | 1 mg/mL |
| Formulation | PBS Only |
| Storage Stability | Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt. |

