

**Anti-NMDAR1 [R08-4B6] Monoclonal Antibody**  
**AGMB00969**

**Description**

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This Anti-NMDAR1 [R08-4B6] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

**Product Information**

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|----------------|------------------------------------------------------------------------------------------------------------|
| SKU:           | AGMB00969                                                                                                  |
| Contents:      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)                                                        |
| Synonyms:      | GRIN1, NMDAR1, Glutamate [NMDA] receptor subunit zeta-1, N-methyl-D-aspartate receptor subunit NR1, NMD-R1 |
| Applications:  | <b>WB</b> <b>ICC/IF</b>                                                                                    |
| Research Area: | Neuroscience                                                                                               |
| Form:          | Liquid                                                                                                     |

**Antibody Data**

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|               |                                     |
|---------------|-------------------------------------|
| Reactivity:   | Human, Mouse, Rat                   |
| Clone:        | R08-4B6                             |
| Clonality:    | Monoclonal Antibody                 |
| SwissProt ID: | Q05586                              |
| Immunogen:    | A synthetic peptide of human NMDAR1 |
| Gene ID:      | 2902                                |

**Manufacturers Statement**

This final kit system is assembled and quality-released by Assay Genie Limited.

|                          |                                              |
|--------------------------|----------------------------------------------|
| <b>Gene Name:</b>        | GRIN1                                        |
| <b>Host Species:</b>     | Rabbit                                       |
| <b>Isotype:</b>          | IgG                                          |
| <b>Purification:</b>     | Affinity Purified                            |
| <b>Conjugated:</b>       | Unconjugated                                 |
| <b>Modification:</b>     | Unmodified                                   |
| <b>Molecular Weight:</b> | Calculated MW: 105 kDa, Observed MW: 120 kDa |

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

| <b>Antibody Dilution Ratio:</b>           | Application                                                                                                                                                                                                                                             | Antibody Dilution Ratio |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
|                                           | WB                                                                                                                                                                                                                                                      | 1:1000-1:5000           |
|                                           | ICC/IF                                                                                                                                                                                                                                                  | 1:50                    |
| <b>Protein Quantification (Optional):</b> | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <a href="https://www.assaygenie.com/bradford-protein-assay-protocol/">https://www.assaygenie.com/bradford-protein-assay-protocol/</a> to view the full protocol. |                         |