

|                          |                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product name:</b>     | NRG3 Rabbit Monoclonal Antibody                                                                                                                                                                                                                                 |
| <b>Cat number:</b>       | MABN84561                                                                                                                                                                                                                                                       |
| <b>Conjugate:</b>        | Unconjugated                                                                                                                                                                                                                                                    |
| <b>Size:</b>             | 100µL                                                                                                                                                                                                                                                           |
| <b>Clone:</b>            | Monoclonal                                                                                                                                                                                                                                                      |
| <b>Concentration:</b>    | 1mg/ml                                                                                                                                                                                                                                                          |
| <b>Host:</b>             | Rabbit                                                                                                                                                                                                                                                          |
| <b>Isotype:</b>          | IgG                                                                                                                                                                                                                                                             |
| <b>Immunogen:</b>        | A synthesized peptide derived from human NRG3                                                                                                                                                                                                                   |
| <b>Reactivity:</b>       | Human, Mouse, Rat                                                                                                                                                                                                                                               |
| <b>Applications:</b>     | WB 1:1000-1:2000, FC 1:20-1:100                                                                                                                                                                                                                                 |
| <b>Molecular Weight:</b> | Calculated MW: 78 kDa ; Observed MW: 56 kDa                                                                                                                                                                                                                     |
| <b>Purification:</b>     | Affinity Purification                                                                                                                                                                                                                                           |
| <b>Form:</b>             | Liquid                                                                                                                                                                                                                                                          |
| <b>Buffer:</b>           | Purified antibody in PBS with 0.05% sodium azide, 0.05% BSA and 50% glycerol.                                                                                                                                                                                   |
| <b>Storage:</b>          | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.                                                                                                                                                                    |
| <b>Background:</b>       | Direct ligand for the ERBB4 tyrosine kinase receptor. Binding results in ligand-stimulated tyrosine phosphorylation and activation of the receptor. Does not bind to the EGF receptor, ERBB2 or ERBB3 receptors. May be a survival factor for oligodendrocytes. |