Recombinant DGRmAb®

# Phospho-MAP2 (Ser136) (DGR32961) Rabbit mAb

**db12646** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** Phospho-MAP2 (Ser136) (DGR32961) Rabbit mAb
**Cat.No.:** db12646
**Synonyms :** MAP-2; MAP2A; MAP2B; MAP2C
**Application :** WB, IHC-P, ICC/IF
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

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| **Background** | This gene encodes a protein that belongs to the microtubule-associated protein family. The proteins of this family are thought to be involved in microtubule assembly, which is an essential step in neurogenesis. The products of similar genes in rat and mouse are neuron-specific cytoskeletal proteins that are enriched in dentrites, implicating a role in determining and stabilizing dentritic shape during neuron development. A number of alternatively spliced variants encoding distinct isoforms have been described. [provided by RefSeq, Jan 2010] |
| **Immunogen** | A synthetic phosphopeptide corresponding to residues surrounding Ser136 of human MAP2 |
| **Gene ID** | 4133 |
| **Swiss Prot** | P11137 |
| **Synonyms** | MAP-2; MAP2A; MAP2B; MAP2C |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB, IHC-P, ICC/IF |
| **Recommended dilution** | WB: 1:1000-1:5000<br>IHC-P: 1:100-1:200<br>ICC/IF: 1:200-1:500 |
| **Calculated MW** | 200 kDa |
| **Observed MW** | 82, 280 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR32961 |
| **Isotype** | IgG |

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| **Purity** | Affinity Purification |
| **Conjugation** | Un-conjugated |
| **Storage Stability** | Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt. |