



### Anti-GluN2A/NR2A glutamate receptor, NeuroMab clone N327/95

Available as TC supe (RRID: AB\_2315841) & Pure IgG (RRID: AB\_2315842)

#### Immunogen:

Fusion protein amino acids 75-325 (extracellular N-terminus) of rat GluN2A/NR2A (also known as Glutamate [NMDA] receptor subunit epsilon-1, N-methyl D-aspartate receptor subtype 2A, Grin2a, NMDAR2A, accession number Q00959)

Mouse: 99% identity (250/251 amino acids identical)

Human: 97% identity (245/252 amino acids identical)

>60% identity with NR2B

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

#### NeuroMab Applications:

Immunoblotting, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse, human

Does not cross-react with NR2B

MW: 170 kDa

Top left: transfected cell immunoblot: extracts of COS cells transiently transfected with GFP-tagged NR2A, NR2B or untagged Kv2.1 plasmid and probed with N327/95 (left) and N86/38 (right) TC supe.

Top right: adult rat brain membrane immunoblot

Adult rat hippocampus immunohistochemistry

