



Anti-NR2A glutamate receptor, NeuroMab clone N327A/38

Immunogen:

Fusion protein amino acids 75-325 (extracellular N-terminus) of rat 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: IgG2b (can be combined with anti-PSD95 NeuroMab K28/43 IgG2a in double labeling experiments)

NeuroMab Applications:

Immunoblotting and Immunohistochemistry

Species Reactivity: rat, mouse, human

Does not cross-react with NR2B

MW: 170 kDa

Transfected cell immunoblot: extracts of COS cells transiently transfected with GFP-tagged NR2A, NR2B or untagged Kv2.1 plasmid and probed with N327A/38 (left) and N86/38 (right) TC supe.

