

**Anti-REEP2, NeuroMab clone N326D/2**

Available as TC supe (RRID: AB\_2315915) &amp; Pure IgG (RRID: AB\_2315916)

Immunogen:

Fusion protein amino acids 111-254 (cytoplasmic C-terminus) of mouse REEP2 (also known as Receptor expression-enhancing protein 2, C5orf19, SGC32445 and LOC682105, accession number Q8VCD6)

Rat: 97% identity (140/144 amino acids identical)

Human: 86% identity (125/144 amino acids identical)

&lt;40% identity with REEP1 and REEP4 but &gt;65% identity for first 46 amino acids (RDKSYETMMRVGKRGLNLAANA AVTAAAKGQGVLSSEKLRSFSMQDL)

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat

Does not cross-react with REEP1

MW: 30 kDa

Top right: adult rat brain membrane immunoblot

Top left: immunoblot against extracts of COS cells transiently transfected with Flag-tagged REEP1, REEP2, REEP6 or untagged Kv2.1 plasmid probed with N326D/2 TC supe (left) or mouse anti-Flag (right).

Bottom right: adult rat brain immunohistochemistry

Bottom left: immunofluorescence staining of adult rat cerebellum with N29/29 (green, synapses), N326D/2 (red, Purkinje cells) and Hoechst stain (blue, nuclei).

