



### Anti-Shank3 scaffold protein, NeuroMab clone N69/46

Available as TC supe (RRID: AB\_10698031) & Pure IgG (RRID: AB\_2187730)

#### Immunogen:

Synthetic peptide amino acids 840-857 (PEKLPGLRKGIPRTKSV) of rat Shank3 (also known as SH3 and multiple ankyrin repeat domains protein 3, proline-rich synapse-associated protein 2, ProSAP2 and SPANK-2, accession number Q9JLU4)

Human: 100% identity (18/18 amino acids identical)

Mouse: 100% identity (18/18 amino acids identical)

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

#### NeuroMab Applications:

Immunoblotting, Immunohistochemistry and Immunoprecipitation

Species Reactivity: human, mouse, rat

No cross-reactivity against Shank1 or Shank2

MW: 190 kD

Top left: transfected cell immunoblot: extracts of COS-1 cells transiently transfected with Shank1, Shank2, Shank3 or Kv2.1 plasmids and probed with N69/46 TC supe (left panel) or a monoclonal lane loading control (right panel)

Top right: adult rat brain membrane immunoblot

Adult rat hippocampus immunohistochemistry

