Anti-Kv3.1b potassium channel, NeuroMab clone N16b/8

**Immunogen:**
Fusion protein amino acids 437-585 (cytoplasmic C-terminus) of rat Kv3.1b (accession number NP_036988)
Mouse: 100% identity (149/149 amino acids identical)
Human: 100% identity (84/84 amino acids identical, partial sequence)

**Monoclonal antibody info:**
Mouse strain: Balb/C
Myeloma cell: SP2/0
Mouse Ig Isotype: IgG1

**NeuroMab Applications:**
Immunoblot, Immunohistochemistry
Species Reactivity: human (weak), mouse, rat
MW: 110 kDa

**Images**
Upper. Left: Immunoblot versus adult rat brain membranes (RBM), and adult mouse hippocampal membranes (MBM) from Kv3.1/Kv3.3 double knockout and WT mice (mouse samples courtesy of Dr. Rolf Joho). Right: Adult rat membrane immunoblot

Lower. Left: Adult rat hippocampus immunohistochemistry. Right: Immunoblots on brain membranes prepared from whole rat (RBM) and mouse (MBM) brain, and from human cerebral cortex [HBM(Cx)] and hippocampus [HBM(H)].