



### Anti-Kv1.3 potassium channel, NeuroMab clone L23/27

#### Immunogen:

Synthetic peptide amino acids 485-506 (GGMNHSAFPQTPFKTGNSTATC, cytoplasmic C-terminus) of rat Kv1.3 (also known as Potassium voltage-gated channel subfamily A member 3, Voltage-gated potassium channel subunit Kv1.3, Kv3, KIII, GK5, K3 and Kcna3, accession number P15384)

Human: 100% identity (22/22 amino acids identical)

Mouse: 100% identity (22/22 amino acids identical)

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot, Immunohistochemistry and Immunoprecipitation

Species Reactivity: human, mouse, rat

MW: 70 kDa

Adult rat brain membrane immunoblot

Immunoblot on adult rat brain membranes (RBM), and adult mouse brain membranes from two Kv1.3 knockout mice (MBM-Kv1.3-KO) and one wild-type mouse (MBM-WT). KO samples courtesy of Dr. Leonard Kaczmarek, Yale School of Medicine.

Adult rat dentate gyrus (left) and hippocampus (right) immunohistochemistry

