Anti-Kv1.4 potassium channel subunit, NeuroMab clone K13/31

**Immunogen:**
Synthetic peptide 13-37 (NSHMPYGAYAQQARERERELHSR, intracellular N-terminus) of rat Kv1.4 (also known as Potassium voltage-gated channel subfamily A member 4, HPCN2, Voltage-gated K(+) channel HuKII or HBK4 or HK1, Kcna4, KCNA4L, RCK4, RHK1 and RK3, accession number P15385)

Mouse: 100% identity (24/24 amino acids identical)
Human: 100% identity (24/24 amino acids identical)
<50% identity with other Kv1 potassium channel subunits

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

**NeuroMab Applications:**
Immunoblot, Immunocytochemistry, Immunohistochemistry and Immunoprecipitation

Species Reactivity: rat, mouse, human

No cross-reactivity against Kv1.1, Kv1.2, Kv1.3, Kv1.5 or Kv1.6

MW: 98 kDa

Top: adult rat brain membrane immunoblot.

Bottom left: adult rat hippocampus immunohistochemistry.

Bottom right: immunoblot on membrane fractions of whole rat (RBM) and mouse (MBM) brain and from human cerebral cortex [HBM(Cx)] and hippocampus [HBM(H)].