



### Anti-Kv1.4 potassium channel (extracellular), NeuroMab clone L71/5

Available as TC supe (RRID:AB\_2315860) and Pure IgG (RRID:AB\_2315861)

#### Immunogen:

Fusion protein amino acids 336-370 (DDRDLIMALSAGGHSRLLNDTSAPHLENSGHTIFN, extracellular S1-S2 linker) 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 (35/35 amino acids identical)

Human: 91% identity (32/35 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 and Immunocytochemistry

Species Reactivity: rat, mouse

MW: 80 kDa

Tissue and transfected cell immunoblot: extracts of crude adult rat brain membrane (RBM) and COS cells transiently transfected with untagged Kv1.4 or Kv2.1 plasmid and probed with L71/5 (left), K13/31 (middle) or K89/34 (right) TC supe.

