



### Anti-Kv2.1 potassium channel subunit, NeuroMab clone L83/11

#### Immunogen:

Synthetic peptide amino acids 554-574 (SKPPEELEM[pS]SMPSPVAPLPA, cytoplasmic C-terminus) of rat Kv2.1 (also known as Potassium voltage-gated channel subfamily B member 1, Delayed rectifier potassium channel 1, DRK1, Kcnb1 and Shab, accession number P15387)

Mouse: 85% identity (17/20 amino acids identical)

Human: 85% identity (17/20 amino acids identical)

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

#### NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: rat

Cross-reacts with non-phosphorylated peptide

MW: 105-125 kDa (varies with cell background due to phosphorylation)

Transfected cell immunoblot: extracts of COS cells transiently transfected with untagged Boymaw or Kv2.1 plasmid and probed with L83/11 (left) or N52A/42 (right) TC supe.

