



### Anti-Kv6.1 potassium channel, NeuroMab clone N474/27

#### Immunogen:

Fusion protein amino acids 1-227 (cytoplasmic N-terminus) of mouse Kv6.1 (also known as Potassium voltage-gated channel subfamily G member 1, Voltage-gated potassium channel subunit Kv6.1, kH2 and Kcng1, accession number A2BDX4)

Rat: 97% identity (220/227 amino acids identical)

Human: 89% identity (202/227 amino acids identical)

<50% identity with Kv6.4/KCNG4 and other Kv channels

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunocytochemistry

Species Reactivity: mouse

Does not cross-react with Kv6.4/KCNG4

Immunofluorescence of COS cells expressing Myc/Flag-tagged mouse Kv6.1/KCNG1. Green = N474/27, red = Rabbit anti-Myc and blue = Hoechst nuclear stain.

