



Anti-Kv6.4 potassium channel, NeuroMab clone N458/10

Available as TC supe (RRID:AB_2630320) & Pure IgG (RRID: AB_2716262)

Immunogen:

Fusion protein amino acids 1-219 (cytoplasmic N-terminus) of mouse Kv6.4 (also known as Voltage-gated potassium channel subunit Kv6.4, Potassium voltage-gated channel subfamily G member 4, Kcng4, KCNG3 and rCG_51585, accession number Q80XM3)

Rat: 95% identity (207/219 amino acids identical)

Human: 72% identity (161/225 amino acids identical)

<50% identity with Kv6.1/KCNG1 and other potassium channel subunits

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: mouse, rat

MW: 55-65 kDa for full-length protein, larger multimers possible due to dimerization and/or variable sample preparation

Immunoblot against extracts of COS cells transiently transfected with Myc/Flag-tagged Kv6.1, Kv6.4 or untagged Kv2.1 plasmid probed with N458/10 (left) or rabbit anti-Flag (right).

