



Anti-Kv2.1 potassium channel (external), NeuroMab clone K39/25

Available as TC supe (RRID:AB_10674578) and Pure IgG (RRID:AB_2131649)

Immunogen:

Synthetic peptide amino acids 211-229 (LPELQSLDEFGQSTDNPQL, extracellular S1-S2 loop) of human Kv2.1 (also known as potassium voltage-gated channel subfamily B member 1, voltage-gated potassium channel subunit Kv2.1, DRK1, accession number Q14721)

Rat: 100% identity (19/19 amino acids identical)

Mouse: 100% identity (19/19 amino acids identical)

<75% identity with Kv2.2

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: human, rat, mouse

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

Adult rat brain membrane immunoblot

Surface immunofluorescence (no detergent permeabilization) of cultured rat hippocampal neuron transfected with HA-tagged Kv2.1 plasmid. Red = K39/25. Scale bar = 20 μ m. Reproduced from 2000 Lim et al Neuron (PMID 10719893).

K39/25 TC Supe 1:2
K39/25 Pure 10 μ g/mL
K39/25 Pure 1 μ g/mL

