UC Davis/NIH NeuroMab Facility
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**Anti-Kir2.4 potassium channel, NeuroMab clone N465/11**

Available as TC supe (RRID: AB_2637016) & Pure IgG (RRID: AB_2722671)

Immunogen:
Fusion protein amino acids 360-434 (cytoplasmic C-terminus) of mouse Kir2.4 (also known as ATP-sensitive inward rectifier potassium channel 14, Potassium channel, inwardly rectifying subfamily J member 14, Kcnj14 and Irk4, accession number Q8JZN3)
Rat: 97% identity (73/75 amino acids identical)
Human: 83% identity (62/75 amino acids identical)
<50% identity with Kir2.1/KCNJ2 and other Kir2 potassium channel subunits

Monoclonal antibody info:
Mouse strain: Balb/C
Myeloma cell: SP2/0
Mouse Ig Isotype: IgG1

NeuroMab Applications:
Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat

Adult rat brainstem immunohistochemistry of motor trigeminal nucleus (A) and facial motor nucleus (B). Scale bar = 500 μm