



### Anti-Kir2.1 potassium channel, NeuroMab clone N112B/14

Available as TC supe (RRID: AB\_11001668) & Pure IgG (RRID: AB\_11000720)

#### Immunogen:

Synthetic peptide amino acids 390-411 (cytoplasmic C-terminus) of mouse Kir2.1 (also known as Inward rectifier potassium channel 2 or subfamily J member 2, Kcnj2 and Irk1, accession number P35561)

Rat: 100% identity (22/22 amino acids identical)

Human: 90% identity (20/22 amino acids identical)

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry

Species Reactivity: mouse, rat

No crossreactivity against Kir2.2 or Kir2.3

MW: 55 kDa

Adult rat brain membrane (RBM) and transfected cell immunoblot: extracts of RBM and COS cells transiently transfected with HA-tagged Kir2.1 or untagged Kv2.1 plasmids and probed with N112B/14 (left) and K89/41 (right) TC supe.

Adult rat hippocampus immunohistochemistry

