



Anti-Kir6.1 potassium channel, NeuroMab clone N366/60

Available as TC supe (RRID: AB_2336898) & Pure IgG (RRID: AB_2491087)

Immunogen:

Fusion protein amino acids 306-424 (cytoplasmic C-terminus) of rat Kir6.1 (also known as ATP-sensitive inward rectifier potassium channel 8, Potassium channel inwardly rectifying subfamily J member 8, uKATP-1 and Kcnj8, accession number Q63664)

Mouse: 99% identity (118/119 amino acids identical)

Human: 96% identity (115/119 amino acids identical)

<50% identity with Kir6.2

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse

Does not cross-react with Kir6.2

MW: 45 kDa

Left: immunoblot against extracts of COS cells transiently transfected with Myc-tagged Kir6.1, HA-tagged Kir6.2 or untagged Kv2.1 plasmid probed with N366/60 (left) or N52A/42 (right) TC supe.

Right: adult rat brain membrane immunoblot

