



Anti-SK2 potassium channel, NeuroMab clone K78/29

Immunogen:

Synthetic peptide amino acids 546-562 (ENYDKHVITYNAERSRSS, cytoplasmic C-terminus) of rat SK2 (also known as Small conductance calcium-activated potassium channel protein 2, SKCa2, KCa2.2 and Kcnn2, accession number P70604)

Mouse: 94% identity (16/17 amino acids identical)

Human: 94% identity (16/17 amino acids identical)

<50% identity with SK3 and other SK channels

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse, human

Does not cross-react with other SK channels

MW: 50-80 kDa (and larger due to isoforms and dimerization/aggregation)

Adult rat brain membrane (RBM) and transfected cell immunoblot: extracts of RBM and COS cells transiently transfected with GFP-tagged SK1, SK3 or SK4 or untagged SK2 or Kv2.1 plasmid and probed with K78/29 (left) and N86/8 (right) TC supe.

Adult rat hippocampus immunohistochemistry

