

UC Davis/NIH NeuroMab Facility

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Anti-Kv1.5 potassium channel, NeuroMab clone K7/45

<u>Immunogen:</u>

Fusion protein amino acids 542-602 (cytoplasmic C-terminus) of rat Kv1.5 (accession number P19024)

Human: 83% identity (51/61 amino acids) Mouse=96% identity (59/61 amino acids)

Monoclonal antibody info:

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

Does not crossreact with other Kv1 channels

NeuroMab Applications:

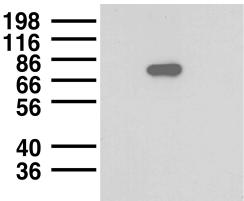
Immunoblot, Immunocytochemistry and Immunoprecipitation Not vet validated for use in mammalian brain

Species Reactivity: human, mouse, rat

MW: 70 kDa

Immunoblot on adult rat brain membrane (RBM) and lysates from Kv1.5-transfected (COS+) and untransfected (COS-) COS cells





Immunofluorescence staining transiently Kv1.5-transfected COS cells

