



### Anti-Pan-GRK, NeuroMab clone N145/20

#### Immunogen:

Fusion protein amino acids 381-590 (C-terminus) of mouse GRK5 (also known as G protein-coupled receptor kinase 5 and Gprk5, accession number Q8VEB1)  
Rat: 99% identity (208/210 amino acids identical)  
Human: 91% identity (193/210 amino acids identical)  
>55% identity with GRK6 and GRK4  
>40% identity with GRK7 and RK

#### Monoclonal antibody info:

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

#### NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: mouse, rat, human

Cross-reacts with GRK6

MW: 70 kDa

Top left: immunoblot against adult rat brain membrane (RBM) and extracts of COS cells transiently transfected with untagged GRK5, GRK6 or Kv2.1 plasmid and probed with N145/20 TC supe.

Top right: adult rat brain membrane immunoblot

Bottom: immunoblot against crude membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] and probed with N145/20 (left) or N52A/42 (right) TC supe.

