



### Anti-Nav1.5 sodium channel, NeuroMab clone N397/19

Available as TC supe (RRID: AB\_2336909)

#### Immunogen:

Fusion protein amino acids 424-658 (cytoplasmic loop between repeats I and II) of human Nav1.5 (also known as Voltage-gated sodium channel subunit alpha Nav1.5, Sodium channel protein type 5 or V subunit alpha, Sodium channel protein cardiac muscle subunit alpha, SCN5A and HH1, accession number Q14524)

Mouse: 88% identity (209/235 amino acids identical)

Rat: 87% identity (206/235 amino acids identical)

<40% identity with Nav1.1 and other Nav1 channels

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: human, mouse, rat

Does not cross-react with Nav1.4

MW: 230 kDa

Immunoblot against extracts of COS cells transiently transfected with untagged Nav1.4, Nav1.5 or Kv2.1 plasmid probed with N397/19 (left) or K58/35 (right) TC supe.

Immunofluorescence staining of axon initial segments in adult rat lateral septum with N397/19 (red) and N106/36 (green).

