



### Anti-Ankyrin-R/G, NeuroMab clone N388A/27

Available as TC supe (RRID: AB\_2491183) & Pure IgG (RRID: AB\_2493098)

#### Immunogen:

Fusion protein amino acids 1-1881 (full-length) of human Ankyrin-R (also known as Ankyrin-1, Erythrocyte Ankyrin, ANK-1, ANK and rCG\_43073, accession number P16157)

Mouse: 90% identity (1678/1858 amino acids identical)

Rat: 74% identity (1329/1788 amino acids identical)

>50% identity with Ankyrin-B and Ankyrin-G

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, mouse, rat

Does not cross-react with Ankyrin-B

Cross-reacts with Ankyrin-G

MW: 200 kDa

Top left: immunoblot against extracts of COS cells transiently transfected with GFP-tagged Ankyrin-R, Ankyrin-B, Ankyrin-G or untagged Kv2.1 plasmid probed with N388A/27 (left) or N86/8 (right) TC supe.

Top right: adult rat brain membrane immunoblot

Bottom: adult rat hippocampus immunohistochemistry

