

UC Davis/NIH NeuroMab Facility

Department of Physiology and Membrane Biology, UC Davis, Davis CA 95616 http://neuromab.ucdavis.edu neuromab@ucdavis.edu

Anti-Ankyrin-B, NeuroMab clone N105/13

Available as TC supe (RRID:AB_10675129 & Pure IgG (RRID:AB_10673094)

Immunogen:

Fusion protein amino acids 203-496 (ankyrin repeats 6 to 14) of human Ankyrin-B (also known as Ankyrin-2, Brain ankyrin, Non-erythroid Ankyrin and ANK2, accession number Q01484)

Mouse: 99% identity (292/294 amino acids identical) Rat: 98% identity (291/294 amino acids identical)

~80% identity with Ankyrin-G

Monoclonal antibody info:

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

NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, rat, mouse

Does not cross-react with Ankyrin-G

MW: >200 kDa for full-length protein, >160 kDa and smaller fragments possible due to proteolysis and variable sample preparation

250 — 148 —

98

50 ·

Right: adult rat brain membrane immunoblot

Left: adult rat hippocampus immunohistochemistry



N105/13 TC supe N105/13 Pure 10 μg/mL N105/13 Pure 1 μg/mL

© 2020 The Regents of the University of California All Rights Reserved