



Anti-Ankyrin-B, NeuroMab clone N105/17

Available as TC supe (RRID: AB_10674432) & Pure IgG (RRID: AB_10673095)

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: IgG2a

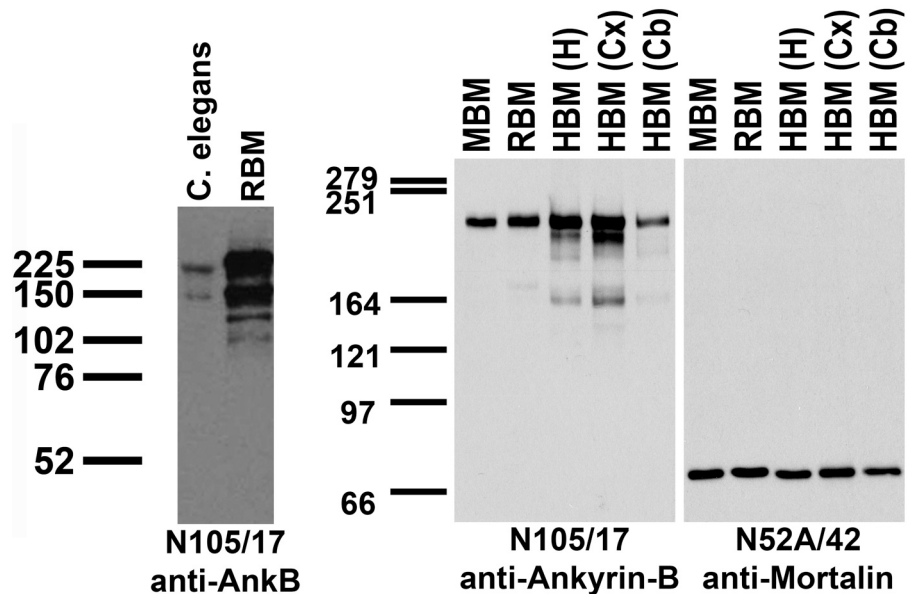
NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, rat, mouse, worm

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



Top right: immunoblot against crude membranes from whole mouse (MBM) or rat (RBM) brain and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] probed with N105/17 (left) or N52A/42 (right) TC supe

Top left: immunoblot against crude C. elegans worm extracts and membranes from adult rat brain (RBM) probed with N105/17 TC supe.

Bottom: adult rat hippocampus immunohistochemistry

