



Anti-Beta4-spectrin, NeuroMab clone N393/2

Available as TC supe (RRID:AB_2315816)

Immunogen:

Fusion protein amino acids 1621-1832 (C-terminal repeats 14 to 15) of human Beta4-spectrin (also known as BetaIV-spectrin sigma1, Non-erythrocytic spectrin beta chain 4, Non-erythroid spectrin beta chain 3, SPTBN4, SPTBN3, Spnb4, KIAA1642, EMBL BAB83243.1 and Ensembl ENSRNOP00000028393, accession number Q9H254)

Mouse: 98% identity (209/212 aa identical)

Rat: 98% identity (209/212 aa identical)

>60% identity with Beta2-spectrin

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 other β -spectrins

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

Left: adult rat brain membrane immunoblot

Top right: immunoblot against extracts of COS cells transfected with tagged Beta-spectrins or untagged Kv2.1 plasmid probed with N393/2 (left) or 19E10 (right) TC supe.

Bottom right: adult rat cerebral cortex and hippocampus immunohistochemistry with antigen retrieval via pepsin pretreatment.

