



### Anti-BDNF, NeuroMab clone N450/53

Available as TC supe (RRID:AB\_2637015) & Pure IgG (RRID: AB\_2722670)

#### Immunogen:

Fusion protein amino acids 1-249 (full length) of mouse BDNF (also known as Brain-derived neurotrophic factor and Abrineurin, , accession number P21237)

Rat: 99% identity (247/249 amino acids identical)

Human: 97% identity (241/249 amino acids identical)

<50% identity with Neutrophin-3 and other neurotrophic factors

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2b

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: mouse, rat

MW: 25-40 kDa (pro-vs-mature form and/or variable sample preparation)

Immunofluorescence labeling of adult rat hippocampus with N450/53 TC supe (red) and Hoechst nuclear stain (blue).

