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

Zebrafish PSD Marker, NeuroMab clone N286/74

Available as TC supe (RRID: AB_2315958) & Pure IgG (RRID: AB_2315959)

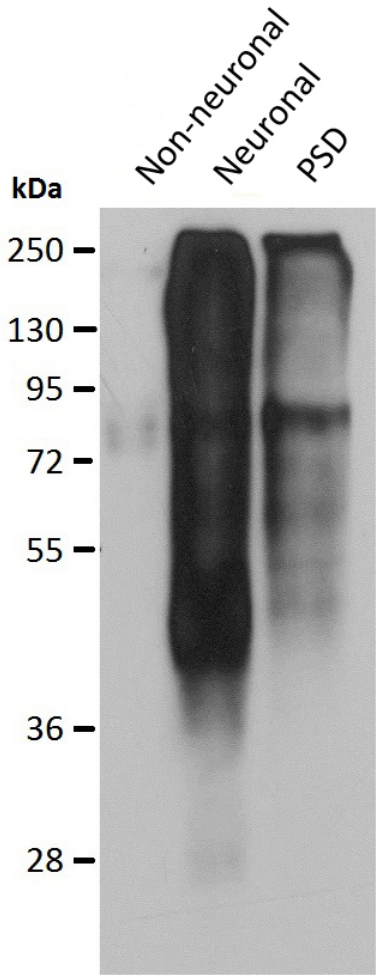
Immunogen:
Heterogeneous postsynaptic density fraction of adult zebrafish brain
Specific protein target(s) not yet identified but likely to be a MAGUK protein

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

NeuroMab Applications:
Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: zebrafish

MW: 90 kDa



Immunoblot versus homogenates from adult zebrafish muscle (Non-neuronal), brain (Neuronal) and purified brain postsynaptic densities (PSD) probed with N286/74 TC supe. Image courtesy of Philip Washbourne (University of Oregon).

Immunofluorescence staining of zebrafish sections at 5 days post-fertilization with N286/74 (green) and Synapsin 1/2 rabbit polyclonal (red). Left: optic tectum (TeO), inner plexiform layer (asterisk) and photoreceptor layer (arrow). Right: synapse-rich axonal projections in optic tectum. Image courtesy of Philip Washbourne (University of Oregon).