



### Anti-Pan-MAGUK scaffold proteins, NeuroMab clone K28/86

#### Immunogen:

Fusion protein amino acids 77-299 (PDZ domains 1 and 2) of human PSD-95 (also known as Postsynaptic density protein 95, Disks large homolog 4, Synapse-associated protein 90, DLG4, Dlg4 and SAP-90, accession number P78352)

Rat: 100% identity (223/223 amino acids identical)

Mouse: 99% identity (221/223 amino acids identical)

65-80% identity with DLG1/SAP97, DLG2/Chapsyn-110 and DLG3/SAP102

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

#### NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunoprecipitation

Species Reactivity: human, rat, mouse, zebrafish, Xenopus, worm

Reacts with DLG1/SAP97, DLG2/Chapsyn-110 and DLG3/SAP102

MW: 95-110 kDa (varies with cell background due to phosphorylation)

Top: immunoblot against crude *C. elegans* worm extracts and crude brain membranes from adult rat (RBM) probed with K28/86 TC supe.

Bottom right: adult rat brain membrane immunoblot

Bottom left: immunoblot against crude membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human cerebellum [HBM(Cb)], cerebral cortex [HBM(Cx)] or hippocampus [HBM(H)] probed with K28/86 (left) or N52A/42 (right) TC supe.

