

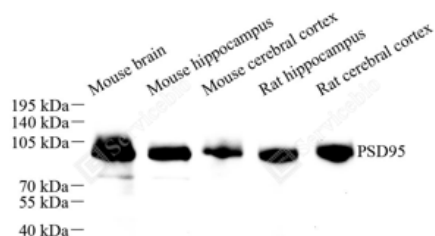


Product name:	Anti-PSD95 MAGUK Scaffold Protein Mouse Monoclonal Antibody
Cat number:	MAB-95054
Conjugate:	unconjugated
Host:	Rabbit
Size:	100 µL
Synonyms:	DLG4, PSD95, SAP-90, SAP90, Dlgh4, PSD-95, SAP90A, discs large homolog 4, discs large MAGUK scaffold protein 4
Clone:	K28/42
Concentration:	1mg/ml
Isotype:	IgG2a,k
Immunogen:	Recombinant protein corresponding to Human PSD95
Reactivity:	Human, Mouse, Rat
Applications:	Applications Dilution WB 1: 500-1: 1000
Molecular Weight:	95 kDa
Purification:	Affinity purification
Background:	Interacts with the cytoplasmic tail of NMDA receptor subunits and shaker-type potassium channels. Required for synaptic plasticity associated with NMDA receptor signaling. Overexpression or depletion of DLG4 changes the ratio of excitatory to inhibitory synapses in hippocampal neurons. May reduce the amplitude of ASIC3 acid-evoked currents by retaining the channel intracellularly. May regulate the intracellular trafficking of ADR1B.
Form:	Liquid
Buffer:	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.
Storage:	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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WB analysis of PSD95. Sample: Protein treated by RIPA Lysis Buffer . Blocking buffer: 3% Nonfat dry milk in TBST, RT, 1h. Primary antibody: 1: 500, 4°C overnight. Secondary antibody: HRP conjugated Goat Anti-Mouse IgG , 1: 3000, RT, 1h.

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