

Product Datasheet

PSD95 antibody GRP165

Description	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 ACCN3 acid-evoked currents by retaining the channel intracellularly. May regulate the intracellular trafficking of ADR1B.	
Species/Host	Rabbit	Mar House are
Reactivity	Human, Mouse, Rat	(KDa) 170 — 130 —
Conjugation	Unconjugated	70 <u> </u>
Tested Applications	ICC, IF, IHC-Fr, IHC-P, WB	40
Immunogen Form/Appearance	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of mouse PSD95. The exact sequence is proprietary. Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.	Mouse tissue extract (50 ?g) was separated by 7.5% SDS-PAGE, and the membrane was blotted with PSD95 antibody (GRP617) diluted at
Concentration	0.77 mg/ml	1:1000.
Storage	Store as concentrated solution. Centrifuge briefly prior to openin- vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	WO 180
Note	For research use only.	55 — 43 —
Isotype	lgG	Various tissue extracts (50 ?g) were separated by
Clonality	Polyclonal	SDS-PAGE, and the membrane was
Purity	Purified by antigen-affinity chromatography.	blotted with PSD95 antibody
Uniprot ID	Q62108	(GRP617) diluted at 1:1000.
Entrez	13385	
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000,IHC-Fr: 1:100-1:1000	