

PSD 95 PDZ domain

Cat.No. 124 011BT; Monoclonal mouse antibody, 100 µg purified IgG (lyophilized)

Data Sheet

Reconstitution/ Storage	100 µg purified IgG, lyophilized, biotin-labeled. . For reconstitution add 100 µl H ₂ O to get a 1mg/ml solution in PBS. Then aliquot and store at -20°C until use.
Applications	WB: 1 : 1000 (AP staining) IP: yes (see remarks) ICC: 1 : 100 up to 1 : 500 IHC: not tested yet IHC-P/FFPE: not tested yet
Label	biotin
Clone	108E10
Subtype	IgG1 (κ light chain)
Immunogen	Recombinant protein corresponding to AA 64 to 247 from mouse PSD95 (UniProt Id: Q62108)
Epitop	Epitop: AA 64 to 247 from mouse PSD95 (UniProt Id: Q62108)
Reactivity	Reacts with: rat (P31016), mouse (Q62108), chicken. Other species not tested yet.
Specificity	Specific for PSD 95. (K.O. verified)
matching control	124-01P
Remarks	IP: For most effective IP use the solubilization protocol described in this ELISA protocol. Consider that protein-protein interaction may be affected.

TO BE USED IN VITRO / FOR RESEARCH ONLY
NOT TOXIC, NOT HAZARDOUS, NOT INFECTIOUS, NOT CONTAGIOUS

PSD 95 (postsynaptic density protein 95 kDa, also called **SAP 90**: synapse associated protein of 90 kDa and **DLG 4**) is a component of postsynaptic densities in central synapses. It contains three PDZ domains. The first and second PDZ domain localizes NMDA receptors and K⁺ channels to synapses, the third binds to neuroligins which are neuronal cell adhesion molecules that interact with β-neurexins and form intercellular junctions. Thus different PDZ domains of PSD 95 might be specialized for distinct functions.

Selected References SYSY Antibodies

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Selected General References

SAP family proteins.
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