

## Anti-PSD95 Antibody (5Y505)

### Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat(predicted:Human)
Molecular Weight:	Theoretical: 80 kDa. Actual: 95 kDa.
Clone:	5Y505
Purification:	Protein A purified

### Applications

Verified Activity:	<ol style="list-style-type: none"><li>25 µg total protein per lane of various lysates (see on figure) probed with PSD95 monoclonal antibody, unconjugated (TMAB-11848) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r. T. for 60 min.</li><li>Paraformaldehyde-fixed, paraffin embedded Mouse Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PSD95 Monoclonal Antibody, Unconjugated (TMAB-11848) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&amp;L Secondary Antibody-HRP and DAB staining.</li><li>Paraformaldehyde-fixed, paraffin embedded Rat Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PSD95 Monoclonal Antibody, Unconjugated (TMAB-11848) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&amp;L Secondary Antibody-HRP and DAB staining.</li><li>Paraformaldehyde-fixed, paraffin embedded Mouse eye; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PSD95 Monoclonal Antibody, Unconjugated (TMAB-11848) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&amp;L Secondary Antibody-HRP and DAB staining.</li><li>Paraformaldehyde-fixed, paraffin embedded Rat eye; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with PSD95 Monoclonal Antibody, Unconjugated (TMAB-11848) at 1: 200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&amp;L Secondary Antibody-HRP and DAB staining.</li></ol>
Application:	WB
Recommended	WB=1:500-2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen: KLH conjugated synthetic peptide: mouse PSD95  
Antigen Species: Mouse  
Gene ID: 13385  
Uniprot ID: Q62108

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### Research Background

This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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