

Anti-PSD-95 Antibody

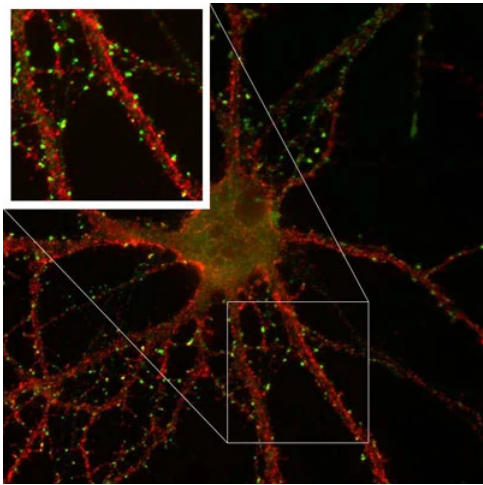


Product Details

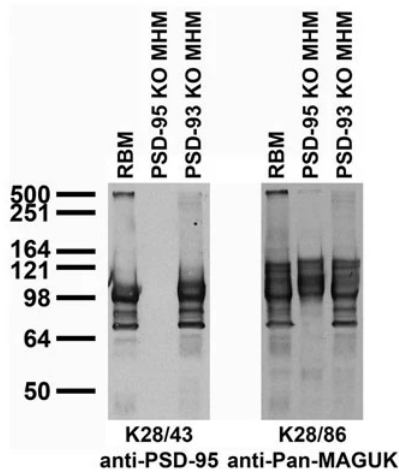
Available Variants	100 μ L (SKU:75-028) 20 μ L (SKU:75-028-020)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	K28/43
Gene Name	DLG4 PSD95
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.4
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, EM, ICC, IHC, IP, WB
Dilution Ranges	WB: 1:1000 IHC: 1:500 ICC: 1:500
Species Reactivity	Chicken, Human, Mouse, Non-Human Primate, Rat
Immunogen	Fusion protein amino acids 77-299 (PDZ domains 1 and 2) of human PSD-95 (accession number P78352) produced recombinantly in E. Coli
Specificity	No cross-reactivity against recombinant Chapsyn-110, SAP97 or SAP102
Molecular Weight	95-110 kDa (varies with cell background due to phosphorylation)

Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2292909
UniProt ID	<u>P78352</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

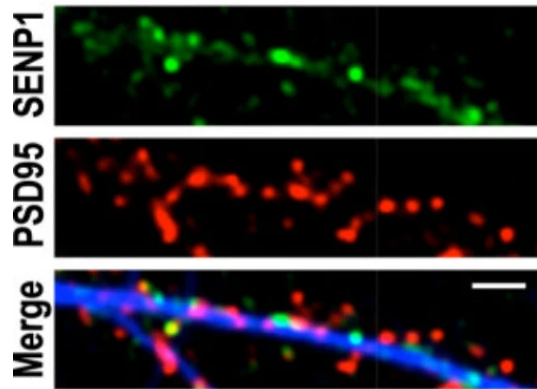
Product Images



Immunofluorescence staining of cultured rat hippocampal neurons with K28/43 (green) and K57/1 (red, Kv4.2).



Immunoblot against adult rat brain membranes (RBM) and adult mouse hippocampal membranes (MHM) from PSD-95 and -93 knockout (KO) mice probed with K28/43 (left) or K28/86 (right) TC supe. Mouse samples courtesy of Richard Huganir (Johns Hopkins University, Howard Hughes Medical Institute).



Immunolabelling of fixed primary rat hippocampal neurons for SENP1 and PSD95. Image from publication CC-BY-4.0.

[PMID: 35739402](https://pubmed.ncbi.nlm.nih.gov/35739402/)

Product Page URL: www.antibodiesinc.com/products/anti-psd-95-antibody-k28-43-75-028



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