

Anti-PSD-95 MAGUK Scaffold Protein Antibody

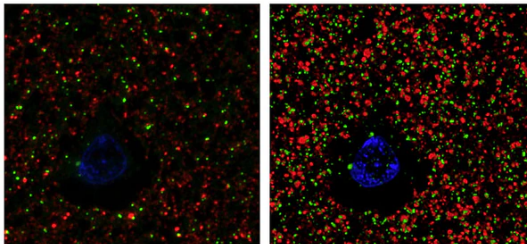


Product Details

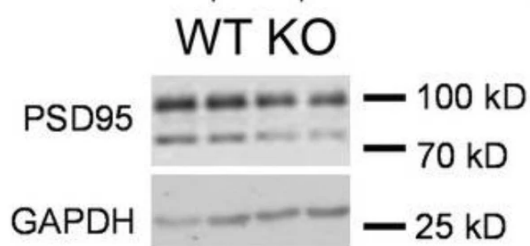
Available Variants	100 µL (SKU:75-348)
Conjugate	Unconjugated
Isotype	IgG1
Clone	K28/74
Gene Name	DLG4 PSD95
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	AT, ELISA, ICC, IHC, WB
Dilution Ranges	WB: 1:1000 IHC: 1:1000 ICC: 1:1000
Species Reactivity	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	Does not cross-react with DLG1/SAP97
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_2315909
UniProt ID	P78352
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.

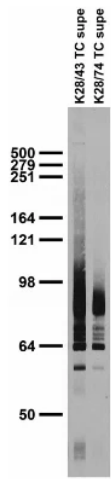
Product Images



Immunofluorescence of human frontal cortex with K28/74 (green), rabbit Synapsin-1 (red) and DAPI (blue). Twelve images from 100 nm sections (left) were volume-reconstructed via array tomography (31.5 x 34 x 1.2 mm, right). Image courtesy of Nancy O'Rourke, Nafisa Ghori and Stephen Smith (Stanford).



Western blot showing specific labeling of PSD95 (Cat. 75-348) in wild type (WT) and Mir324 KO mouse hippocampus. Image from publication CC-BY-4.0. [PMID:38082035](#)



Adult rat brain membrane immunoblot

Product Page URL: www.antibodiesinc.com/products/anti-psd-95-maguk-scaffold-protein-antibody-k28-74-75-348



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