

PSD95 Rabbit mAb

Catalog No: #48638

Package Size: #48638-1 50ul #48638-2 100ul

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Description

Product Name	PSD95 Rabbit mAb
Clone No.	SR38-09
Purification	Affinity-chromatography
Applications	WB, ICC/IF, IHC, IP, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	A synthesized peptide derived from human Disks large homolog 4
Other Names	Disks large homolog 4 antibody Disks large homolog 4 antibody DLG 4 antibody Dlg4 antibody DLG4_HUMAN antibody FLJ97752 antibody FLJ98574 antibody Human post synaptic density protein 95 antibody Post synaptic density protein 95 antibody Postsynaptic density protein 95 antibody PSD 95 antibody PSD-95 antibody PSD95 antibody SAP 90 antibody SAP-90 antibody SAP90 antibody Synapse associated protein 90 antibody Synapse-associated protein 90 antibody Tax interaction protein 15 antibody
Accession No.	Swiss-Prot#:P78352
Uniprot	P78352
GeneID	1742;
Calculated MW	100 kDa
Formulation	Rabbit IgG in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

Application Details

WB 1:1000-1:2000

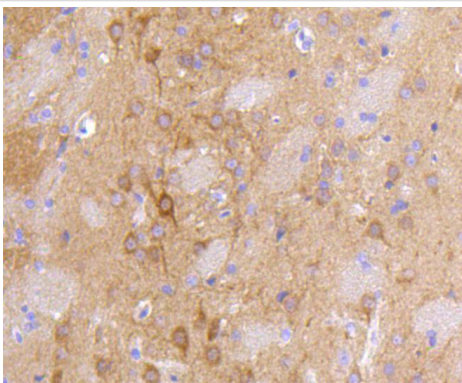
IHC 1:100-1:200

ICC/IF 1:50-1:200

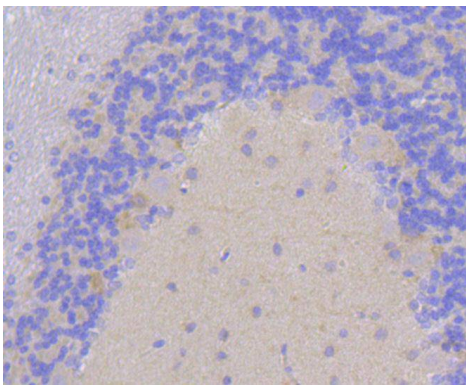
IP 1:20-1:50

FC 1:20-1:100

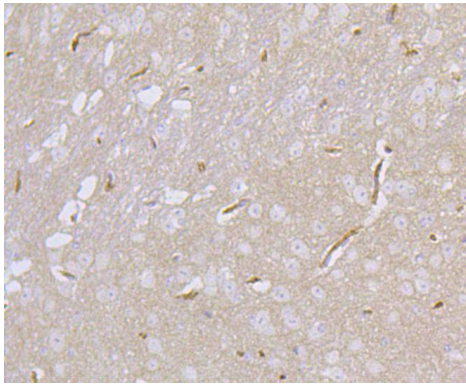
Images



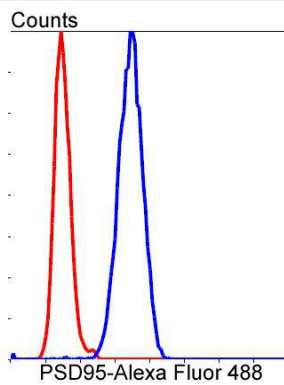
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-PSD95 antibody. Counter stained with hematoxylin.



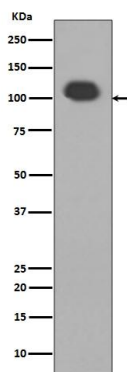
Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue using anti-PSD95 antibody. Counter stained with hematoxylin.



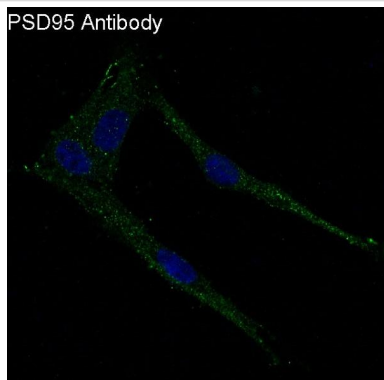
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue using anti-PSD95 antibody. Counter stained with hematoxylin.



Flow cytometric analysis of SH-SY-5Y cells with PSD95 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



Western blot analysis of PSD95 expression in Mouse brain tissue lysate.



Immunofluorescent analysis of U87-MG cells, using PSD95 Antibody.

Background

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.

Note: This product is for in vitro research use only