

## PSD93 Rabbit mAb

Catalog No: #49681

Package Size: #49681-1 50ul #49681-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	PSD93 Rabbit mAb
Purification	ProA affinity purified
Applications	WB, FC, IP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	Channel associated protein of synapse 110 antibody    Channel associated protein of synapses 110kD antibody    Channel-associated protein of synapse-110 antibody    Chapsyn 110 antibody    Chapsyn-110 antibody    Chapsyn110 antibody    Discs, large homolog 2 (Drosophila) antibody    Disks large homolog 2 antibody    DKFZp781D1854 antibody    DKFZp781E0954 antibody    Dlg 2 antibody    dlg2 antibody    DLG2_HUMAN antibody    Dlg2 antibody    Dlg2 antibody    FLJ37266 antibody    Gm1197 antibody    MGC131811 antibody    Postsynaptic density protein PSD 93 antibody    Postsynaptic density protein PSD-93 antibody    Postsynaptic density protein PSD93 antibody    PSD 93 antibody    PSD93 antibody
Accession No.	Swiss-Prot#:Q15700
Uniprot	Q15700
GeneID	1740;
Calculated MW	105kDa    110kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

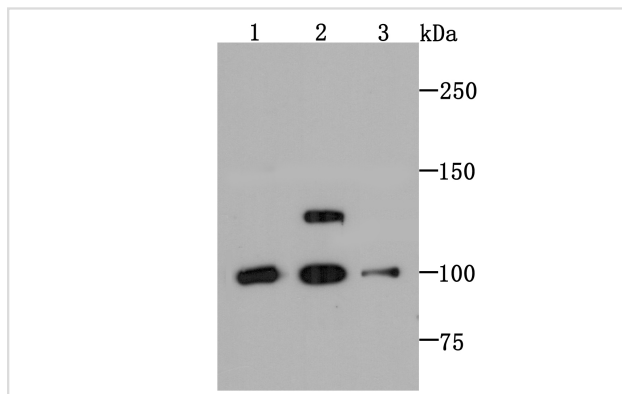
## Application Details

WB: 1:500-1:2,000

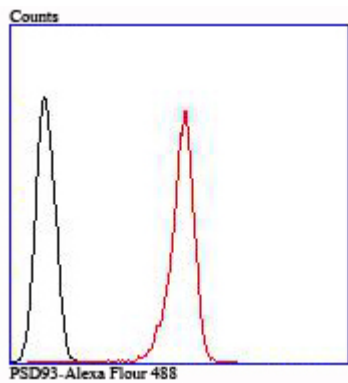
IP: 1:10-1:50

FC: 1:50-1:100

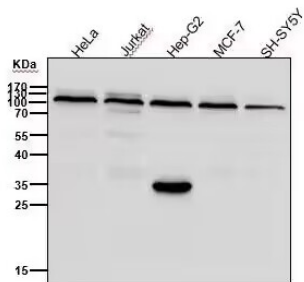
## Images



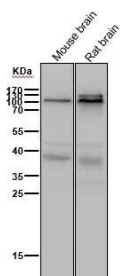
Western blot analysis of PSD93 on different lysates using anti-PSD93 antibody at 1/1,000 dilution. Positive control: Lane 1: Hela  
Lane 2: Mouse Thymus  
Lane 3: SH-SY5Y



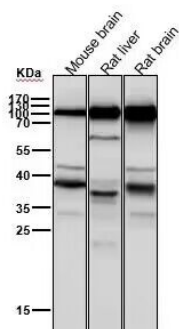
Flow cytometric analysis of SH-SY5Y cells with PSD93 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



Western blot analysis of PSD93 on different lysates using anti-PSD93 antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa Lane 2: Jurkat Lane 3: Hep-G2 Lane 4: MCF-7 Lane 5: SH-SY5Y



Western blot analysis of PSD93 on different lysates using anti-PSD93 antibody at 1/1,000 dilution. Positive control: Lane 1: Mouse brain Lane 2: Rat brain



Western blot analysis of PSD93 on different lysates using anti-PSD93 antibody at 1/1,000 dilution. Positive control: Lane 1: Mouse brain Lane 2: Rat liver Lane 3: Rat brain

## Background

Required for perception of chronic pain through NMDA receptor signaling. Regulates surface expression of NMDA receptors in dorsal horn neurons of the spinal cord. Interacts with the cytoplasmic tail of NMDA receptor subunits as well as inward rectifying potassium channels. Involved in regulation of synaptic stability at cholinergic synapses. Part of the postsynaptic protein scaffold of excitatory synapses.

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Note: This product is for in vitro research use only