

Anti-PSD93 Antibody (51700)

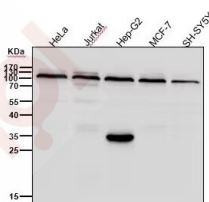
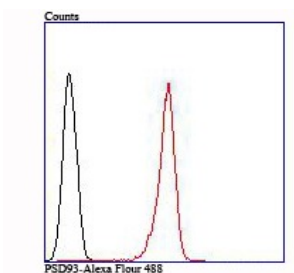
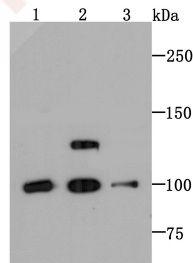
Product Details

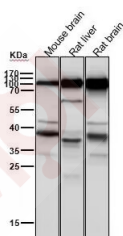
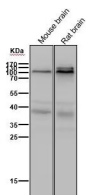
Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 105 110 kDa.
Clone:	51700
Purification:	ProA affinity purified

Applications

Verified Activity:

1. 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.
2. 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).
3. 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
4. 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.
5. 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.





Application: FCM,IP,WB

Recommended WB: 1:500-2000; IP: 1:10-50; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: Q15700

Synonyms: FLJ37266; Postsynaptic density protein PSD-93; Chapsyn-110; Chapsyn110; MGC131811; DKFZp781D1854; Postsynaptic density protein PSD 93; dlg2; Dlgh2; Channel associated protein of synapses 110kD; Gm1197; DLG2_HUMAN; Discs; Channel associated protein of synapse 110; PSD 93; Disks large homolog 2; Dlgh 2; Chapsyn 110; Channel-associated protein of synapse-110; large homolog 2 (Drosophila); DKFZp781E0954; Dlg 2; Postsynaptic density protein PSD93

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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