

Product Datasheet

Anti-PSD93 Monoclonal Antibody (orb548328)

Catalog Number	orb548328
Description	Anti-PSD93 Monoclonal Antibody. Tested in WB, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, IP, WB
Immunogen	A synthesized peptide derived from human PSD93 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.
Form/Appearance	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	WB 1:500-1:2000IP 1:50FC 1:100. Restore with deionized water (or equivalent) for reconstitution volume of 1.0 mL
Isotype	Rabbit IgG
Clonality	Monoclonal
Clone Number	AEAC-4

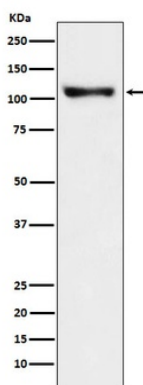
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Antibody Type	Primary Antibody
MW	66 kDa
Uniprot ID	Q15700
Expiration Date	12 months from date of receipt.



Western blot analysis of DLG2 expression in SH-SY5Y cell lysate using anti-DLG2 antibody (orb548328). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-DLG2 antigen affinity purified polyclonal antibody (Catalog # orb548328) at 0.5 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-Rabbit IgG IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # orb90444) with Tanon 5200 system. A specific band was detected for DLG2.

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