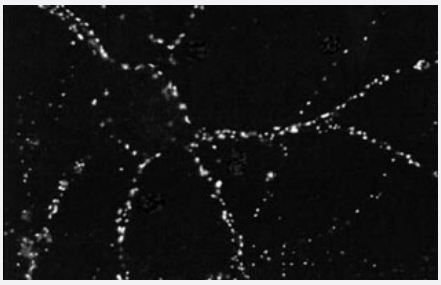
Psd monoclonal antibody, clone 6G6

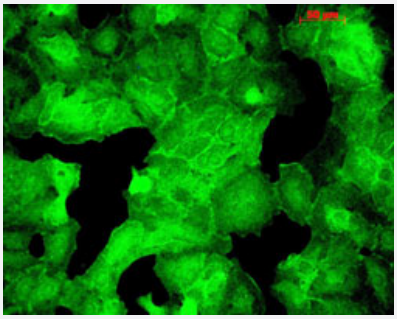
Catalog # MAB6624 Size 100 ug

Applications



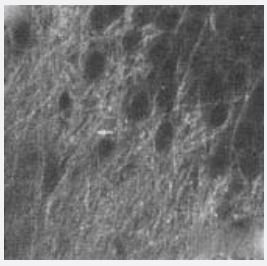
Immunofluorescence

Immunofluorescence staining in dissociated hippocampal neurons with Psd monoclonal antibody, clone 6G6 (Cat # MAB6624).
Courtesy of Mary Kennedy, Caltech.



Immunofluorescence

Immunofluorescence staining in HaCaT cells with Psd monoclonal antibody, clone 6G6 (Cat # MAB6624).



Immunoelectron Microscopy

Immunoelectron microscopy from rat hippocampus. Using Psd monoclonal antibody, clone 6G6 (Cat # MAB6624).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant Psd.
Immunogen	Recombinant protein corresponding to rat Psd.

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Host	Mouse
Reactivity	Bovine, Mouse, Rat
Specificity	Detects a ~100KDa protein corresponding to the molecular mass of PSD-95 on SDS PAGE immun oblots. An additional protein of >100 KDa is also detected. Additional cross-reactive bands are dete cted at ~75 KDa and 50 KDa in rat and mouse samples.
Form	Liquid
Isotype	IgG2a
Recommend Usage	Western Blot (1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence

  Immunofluorescence staining in dissociated hippocampal neurons with Psd monoclonal antibody, clone 6G6 (Cat # MAB6624). Courtesy of Mary Kennedy, Caltech.

- Immunofluorescence

  Immunofluorescence staining in HaCaT cells with Psd monoclonal antibody, clone 6G6 (Cat # MAB6624).

- Immunocytochemistry

- Western Blot

- Immunoelectron Microscopy

  Immunoelectron microscopy from rat hippocampus. Using Psd monoclonal antibody, clone 6G6 (Cat # MAB6624).

Gene Info — Psd

Entrez GeneID	171381
Gene Name	Psd

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Gene Alias	EFA6
Gene Description	pleckstrin and Sec7 domain containing
Gene Ontology	Hyperlink
Other Designations	exchange factor for ARF6

Publication Reference

- Interaction between SAP97 and PSD-95, two Maguk proteins involved in synaptic trafficking of AMPA receptors.

  Cai C, Li H, Rivera C, Keinänen K.

  The Journal of Biological Chemistry 2006 Feb; 281(7):4267.

- Synaptogenesis: a balancing act between excitation and inhibition.

  Cline H.

  Current Biology 2005 Mar; 15(6):R203.

  Application: WB-Tr, Human, Mouse, Rat, Mammalian cells

- Identification of PSD-95 as a regulator of dopamine-mediated synaptic and behavioral plasticity.

  Yao WD, Gainetdinov RR, Arbuckle MI, Sotnikova TD, Cyr M, Beaulieu JM, Torres GE, Grant SG, Caron MG.

  Neuron 2004 Feb; 41(4):625.

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