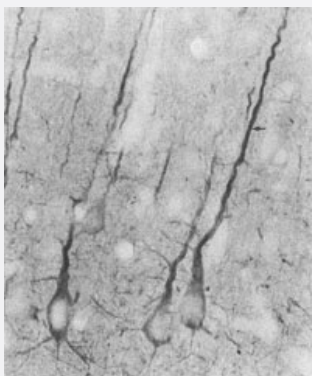


# Psd monoclonal antibody, clone 7E3

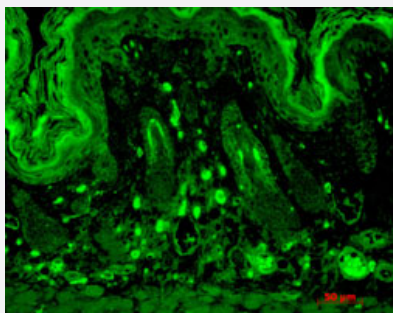
Catalog # MAB6625      Size 100 ug

## Applications



### Immunohistochemistry

Immunohistochemical localization of Psd in rat neocortex with Psd monoclonal antibody, clone 7E3 (Cat # MAB6625).



### Immunofluorescence

Immunofluorescence staining from mouse backskin- basal, hair follicle and dermal with Psd monoclonal antibody, clone 7E3 (Cat # MAB6625).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant Psd.
<b>Immunogen</b>	Recombinant protein corresponding to rat Psd.
<b>Host</b>	Mouse
<b>Reactivity</b>	Bovine, Mouse, Rat
<b>Specificity</b>	Detects a ~100KDa protein corresponding to the molecular mass of PSD-95 on SDS PAGE immunoblots. Additional cross-reactive bands are detected at ~80KDa and ~50KDa in rat and mouse samples.

Form	Liquid
Isotype	IgG2a
Recommend Usage	Western Blot (1 ug/mL) 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 should be handled by trained staff only.

## Applications

- Western Blot

- Immunohistochemistry

Immunohistochemical localization of Psd in rat neocortex with Psd monoclonal antibody, clone 7E3 (Cat # MAB6625).

- Immunofluorescence

Immunofluorescence staining from mouse backskin- basal, hair follicle and dermal with Psd monoclonal antibody, clone 7E3 (Cat # MAB6625).

## Gene Info — Psd

Entrez GeneID	<a href="#">171381</a>
Gene Name	Psd
Gene Alias	EFA6
Gene Description	pleckstrin and Sec7 domain containing
Gene Ontology	<a href="#">Hyperlink</a>
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.