

# AB-NN142

## PSD95 Antibody

Pan-specific monoclonal antibody (6G6) for monitoring the expression of rat PSD95



# KINEXUS

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### Target Protein

<b>Name Long:</b>	Disks large homologue 4 (PSD95)
<b>Alias:</b>	PSD 95, PSD-95, DLG4, SAP90, Synapse-associated protein 90, Postsynaptic density protein 95, Disks large homologue 4
<b>UniProt ID:</b>	P31016 - Rat
<b>Human Predicted Mass (KDa):</b>	85.430 (767 AA; P78352-2); 80.495 (724 AA; P78352-1); 80.125 (721 AA; P78352-3)
<b>Observed SDS-PAGE Mass (KDa):</b>	100

### Immunogen

<b>Antibody Immunogen Source:</b>	Recombinant rat PSD-95
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### Production

<b>Antibody Host Species:</b>	Mouse
<b>Antibody Type:</b>	Monoclonal
<b>Antibody Ig Isotype Clone Lot:</b>	174 IgG2a
<b>Antibody Purification:</b>	Protein G purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

### Applications

<b>Product Use:</b>	WB   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:250), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Mouse   Rat   Bovine
<b>Antibody Positive Control:</b>	1 µg/ml was sufficient for detection of PSD-95 on 20 µg rat brain tissue extract by ECL immunoblot analysis using Goat Anti-Mouse (No Suggestions) as the secondary.
<b>Target Detection Immunoblotting:</b>	Detects a ~100 kDa protein. An additional protein of >100 kDa protein is also detected.
<b>Antibody Specificity:</b>	High-medium
<b>Antibody Cross Reactivities:</b>	Some cross-reactive proteins are detected at ~75 kDa protein and 50 kDa protein in rat and mouse samples.

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit [www.kinexusproducts.ca](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987