

AB-NN142-2 PSD95 Antibody

Pan-specific monoclonal antibody (7E3) for monitoring the expression of rat PSD95



KINEXUS

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Target Protein

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

Immunogen

Antibody Immunogen Source:	Recombinant rat PSD-95
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	173 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	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

Product Use:	WB IHC ICC/IF
Antibody Dilution Recommended:	WB (1:1000) IHC (1:1000), ICC/IF (1:100); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Bovine
Antibody Positive Control:	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.
Target Detection Immunoblotting:	Detects a ~100 kDa protein. An additional protein of >100 kDa protein is also detected.
Antibody Specificity:	High-medium
Antibody Cross Reactivities:	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 or contact us at 1-888-546-3987