

# Product Datasheet

## NMDAR1 Antibody (R1JHL)

### NB300-118

Unit Size: 0.015 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB300-118**

NMDAR1 Antibody (R1JHL)

<b>Product Information</b>	
<b>Unit Size</b>	0.015 mg
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	R1JHL
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Reconstitute with 50 ul PBS to desired concentration.
<b>Isotype</b>	IgG
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	Lyophilized
<b>Target Molecular Weight</b>	120 kDa
<b>Product Description</b>	
<b>Description</b>	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 uL/vial depending on usage).
<b>Host</b>	Mouse
<b>Gene ID</b>	2902
<b>Gene Symbol</b>	GRIN1
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Human reactivity reported in scientific literature (PMID: 20414717). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Marker</b>	Neuronal Marker
<b>Specificity/Sensitivity</b>	Specific for endogenous levels of the ~120 kDa NR1 subunit of the NMDA receptor.
<b>Immunogen</b>	Fusion protein containing amino acids 1-564 of the NMDAR1 subunit. Accession # P35439
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1 ug per ml
<b>Application Notes</b>	Use in ICC/IF and IHC-F reported in scientific literature (PMID: 20414717). Use in IHC-P reported in scientific literature (PMID 26635527).





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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