

## Product datasheet for **TA309447**

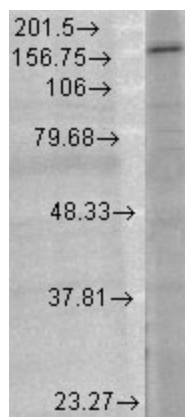
### **NMDAR2B (GRIN2B) Mouse Monoclonal Antibody [Clone ID: S59-20]**

#### **Product data:**

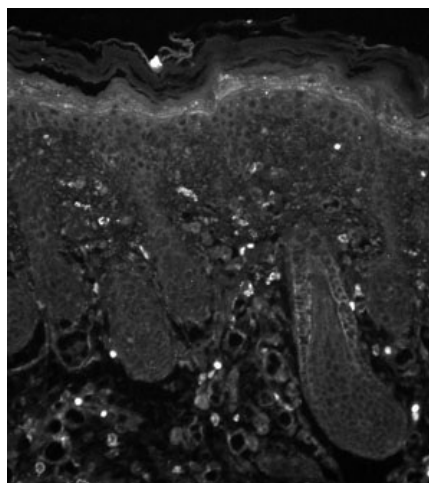
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	S59-20
<b>Applications:</b>	IHC, WB
<b>Recommended Dilution:</b>	WB, IHC, IP
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2a
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Fusion protein amino acids 20-271 (N-terminus) of rat NR2B
<b>Formulation:</b>	PBS pH7.4, 50% glycerol
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	glutamate ionotropic receptor NMDA type subunit 2B
<b>Database Link:</b>	<a href="#">NP_000825</a> <a href="#">Entrez Gene 14812 Mouse</a> <a href="#">Entrez Gene 24410 Rat</a> <a href="#">Entrez Gene 2904 Human</a> <a href="#">Q13224</a>
<b>Synonyms:</b>	EIEE27; GluN2B; hNR3; MRD6; NMDAR2B; NR2B
<b>Note:</b>	Detects ~166kDa. No cross-reactivity against NR2A
<b>Protein Families:</b>	Druggable Genome, Ion Channels: Glutamate Receptors, Transmembrane
<b>Protein Pathways:</b>	Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Huntington's disease, Long-term potentiation, Neuroactive ligand-receptor interaction, Systemic lupus erythematosus



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**Product images:**

Western blot analysis of NR2B in rat brain membrane lysates using a 1:1000 dilution of TA309447.



IHC analysis of NR2B in mouse backskin sections using TA309447.