

## Product datasheet for **TA326538**

### Grin2a Mouse Monoclonal Antibody [Clone ID: S327A-38]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	S327A-38
Recommended Dilution:	WB: 1:1000
Reactivity:	Rat, Mouse, Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 75-325 (extracellular N-terminus) of rat GluN2A/NR2A
Formulation:	PBS pH7.4, 50% glycerol
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	glutamate ionotropic receptor NMDA type subunit 2A
Database Link:	<a href="#">NP_036705</a> <a href="#">Entrez Gene 2903 Human</a> <a href="#">Entrez Gene 14811 Mouse</a> <a href="#">Entrez Gene 24409 Rat</a> <a href="#">Q00959</a>
Background:	N-methyl-D-aspartate (NMDA) receptors are a class of ionotropic glutamate-gated ion channels. These receptors have been shown to be involved in long-term potentiation, an activity-dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds of memory and learning. NMDA receptor channels are heteromers composed of the key receptor subunit NMDAR1 (GRIN1) and 1 or more of the 4 NMDAR2 subunits: NMDAR2A (GRIN2A), NMDAR2B (GRIN2B), NMDAR2C (GRIN2C) and NMDAR2D (GRIN2D).
Synonyms:	hNR2A; NMDAR2A; NR2A; OTTHUMP00000160135; OTTHUMP00000174531
Note:	Detects ~170kDa. Does not react with NR2B.



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