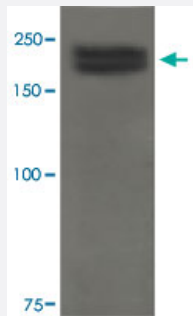


# Grin2a monoclonal antibody, clone S327A-38 (Biotin)

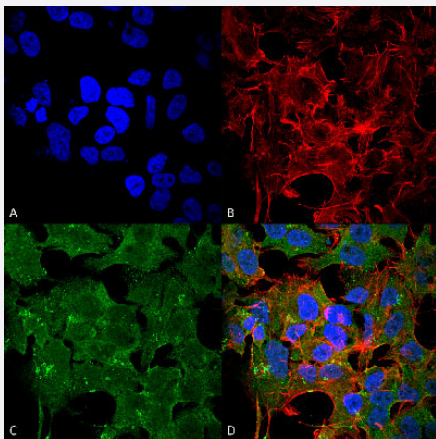
Catalog # MAB17345      Size 100 ug

## Applications



### Western Blot (Transfected lysate)

Western Blot analysis of COS cells transfected with GFP-tagged Grin2a showing detection of protein using Grin2a monoclonal antibody, clone S327A-38 (Biotin) (Cat # MAB17345).



### Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Grin2a monoclonal antibody, clone S327A-38 (Biotin) (Cat # MAB17345). (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Grin2a Antibody. (D) Composite.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against partial recombinant rat Grin2a.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 75-325 at N-terminus of rat Grin2a.
<b>Host</b>	Mouse
<b>Reactivity</b>	Rat
<b>Form</b>	Liquid

Conjugation	Biotin
Purification	Protein G purification
Isotype	IgG2b
Recommend Usage	Immunocytochemistry (1:100) Immunofluorescence (1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.09% sodium azide).
Storage Instruction	Store at -20°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

Western Blot analysis of COS cells transfected with GFP-tagged Grin2a showing detection of protein using Grin2a monoclonal antibody, clone S327A-38 (Biotin) (Cat # MAB17345).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Grin2a monoclonal antibody, clone S327A-38 (Biotin) (Cat # MAB17345). (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Grin2a Antibody. (D) Composite.

- Immunofluorescence

## Gene Info — Grin2a

Entrez GeneID	<a href="#">24409</a>
Protein Accession#	<a href="#">Q00959</a>
Gene Name	Grin2a
Gene Alias	NMDAR2A, NR2A
Gene Description	glutamate receptor, ionotropic, N-methyl D-aspartate 2A

**Gene Ontology**[Hyperlink](#)**Gene Summary**

ionotropic

**Other Designations**

N-methyl-D-aspartate receptor subunit 2A

## Publication Reference

- [Evolutionary mode and functional divergence of vertebrate NMDA receptor subunit 2 genes.](#)

Teng H, Cai W, Zhou L, Zhang J, Liu Q, Wang Y, Dai W, Zhao M, Sun Z.

PLoS One 2010 Oct; 5(10):e13342.