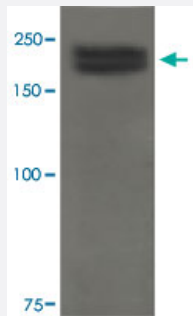


Grin2a monoclonal antibody, clone S327A-38 (APC)

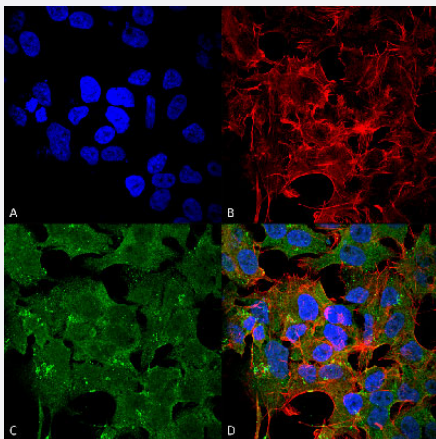
Catalog # MAB17344 Size 100 ug

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 (APC) (Cat # MAB17344).



Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Grin2a monoclonal antibody, clone S327A-38 (APC) (Cat # MAB17344). (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Grin2a Antibody. (D) Composite.

Specification

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

Conjugation	APC
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 (APC) (Cat # MAB17344).

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

- Immunocytochemistry

Immunocytochemical staining of SK-N-BE with Grin2a monoclonal antibody, clone S327A-38 (APC) (Cat # MAB17344). (A) DAPI (blue) nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) Grin2a Antibody. (D) Composite.

- Immunofluorescence

Gene Info — Grin2a

Entrez GeneID	24409
Protein Accession#	Q00959
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.