

Mouse anti-Human Glutamate Receptor, Ionotropic, NMethylDAspartate 2D (GRIN2D) Monoclonal Antibody | anti-GRIN2D antibody

Monoclonal Antibody to Glutamate Receptor, Ionotropic, NMethylDAspartate 2D (GRIN2D)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA21209	Mouse	Human	Western Blot, Immunohistochemistry, Immunocytochemistry, Immunoprecipitation

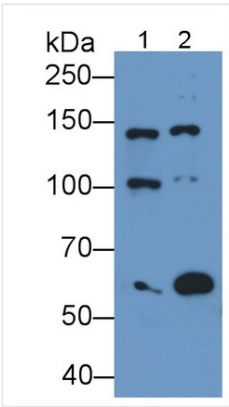
PRODUCT SYNONYMS

Glutamate Receptor; Ionotropic; NMethylDAspartate 2D (GRIN2D); Monoclonal Antibody; Monoclonal Antibody to Glutamate Receptor; GRIN2D/Glutamate Receptor; NMethylDAspartate 2D; EB11; NMDAR2D; NR2D; NMethylDAspartate Receptor Subunit 2D; Glutamate [NMDA] receptor subunit epsilon4; anti-GRIN2D antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	D5
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-GRIN2D antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IP (Immunoprecipitation)
Application Notes	Western blotting: 0.01-2ug/mL; Immunohistochemistry: 5-20ug/mL; Immunocytochemistry: 5-20ug/mL; Optimal working dilutions must be determined by end user.
Source	Monoclonal antibody preparation
Traits	Liquid
Immunogen	Recombinant GRIN2D (Phe28-Ala584) expressed in E.coli .
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)
Western Blot; Sample: Lane 1: K562 cell lysate Lane 2: A549 cell lysate Primary Ab: 0.2ug/ml
Mouse Anti Human GRIN2D Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse
IgG Polyclonal Antibody (Catalog:

ADDITIONAL INFORMATION

Product Categories/Family for anti-GRIN2D antibody	Neuro science; Primary
--	------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	153946391
NCBI GeneID	153946391
NCBI Accession #	NP_000827.2
NCBI GenBank Nucleotide #	NM_000836.2
UniProt Accession #	O15399
NCBI Official Full Name	glutamate receptor ionotropic, NMDA 2D
NCBI Official Synonym Full Names	glutamate receptor, ionotropic, N-methyl D-aspartate 2D
NCBI Official Symbol	GRIN2D
NCBI Official Synonym Symbols	EB11; NR2D; GluN2D; NMDAR2D
NCBI Protein Information	glutamate receptor ionotropic, NMDA 2D; estrogen receptor binding CpG island; N-methyl D-aspartate receptor subtype 2D; N-methyl-d-aspartate receptor subunit 2D; glutamate [NMDA] receptor subunit epsilon-4
UniProt Protein Name	Glutamate receptor ionotropic, NMDA 2D
UniProt Gene Name	GRIN2D
UniProt Synonym Gene Names	GluN2D; NMDAR2D; GluN2D; NMDAR2D; NR2D
UniProt Entry Name	NMDE4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.