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GRID1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant GRID1.
Catalog # AT2262a

Specification

GRID1 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	Q9ULK0
Other Accession	NM_017551
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2b Kappa**
Calculated MW	**112131**

GRID1 Antibody (monoclonal) (M01) - Additional Information

Gene ID 2894

Other Names
Glutamate receptor ionotropic, delta-1, GluD1, GluR delta-1 subunit, GRID1, KIAA1220

Target/Specificity
GRID1 (NP_060021, 349 a.a. ~ 441 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
GRID1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

GRID1 Antibody (monoclonal) (M01) - Protocols

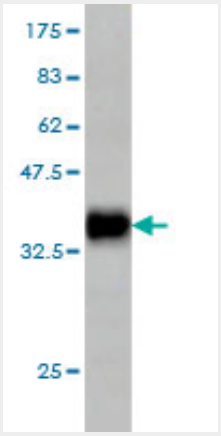
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

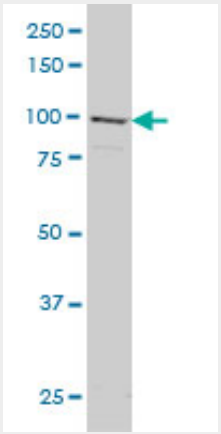
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

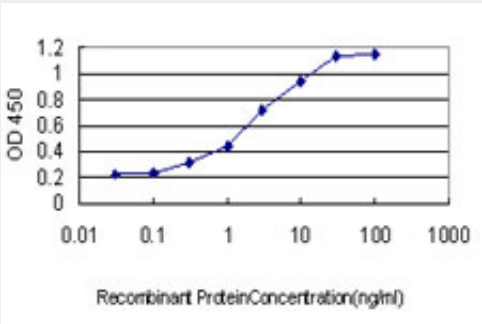
GRID1 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.97 KDa) .



GRID1 monoclonal antibody (M01), clone 1A9 Western Blot analysis of GRID1 expression in HeLa ((Cat # AT2262a)



Detection limit for recombinant GST tagged GRID1 is approximately 0.1ng/ml as a capture antibody.

GRID1 Antibody (monoclonal) (M01) - Background

This gene encodes a subunit of glutamate receptor channels. These channels mediate most of the fast excitatory synaptic transmission in the central nervous system and play key roles in synaptic plasticity.

GRID1 Antibody (monoclonal) (M01) - References

1.Orphan Glutamate Receptor delta1 Subunit Required for High-Frequency Hearing.Gao J, Maison SF, Wu X, Hirose K, Jones SM, Bayazitov I, Tian Y, Mittleman G, Matthews DB, Zakharenko SS, Liberman MC, Zuo J.Mol Cell Biol. 2007 Jun;27(12):4500-12. Epub 2007 Apr 16.