

DLG4 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4100
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human DLG4 (AA: 54-300) expressed in HEK293-6e cells supernatant.
Mol wt	80.4kDa
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	WB,IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	MRD62;PSD95;SAP90;SAP-90

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

WB: 1:500 - 1:2000

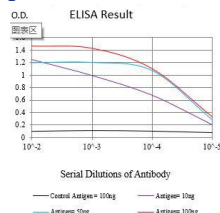
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

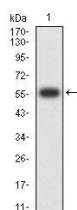
ELISA: 1:10000

Not yet tested in other applications.

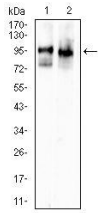
Images



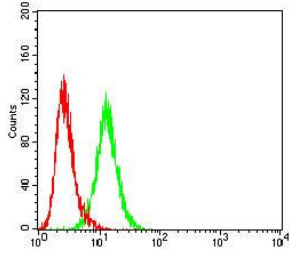
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



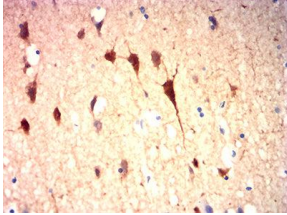
Western blot analysis using DLG4 mAb against human DLG4 (AA: 54-300) recombinant protein. (Expected MW is 57 kDa)



Western blot analysis using DLG4 mouse mAb against Mouse brain (1), and Rat brain (2) tissue lysate.



Flow cytometric analysis of LNCAP cells using DLG4 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human brain tissues using DLG4 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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