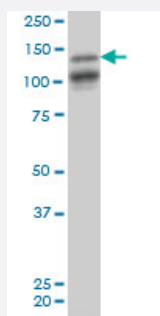


MAGI1 monoclonal antibody (M03), clone 7B4

Catalog # H00009223-M03

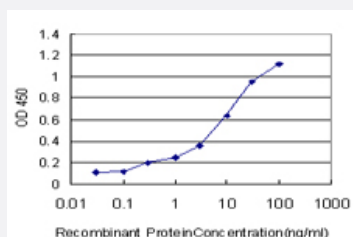
Size 100 ug

Applications



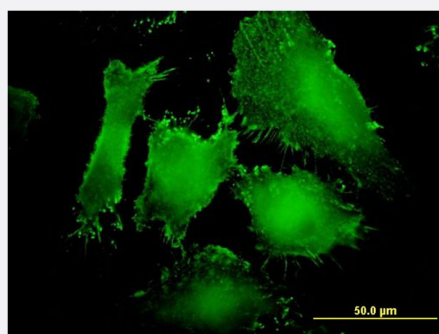
Western Blot (Cell lysate)

MAGI1 monoclonal antibody (M03), clone 7B4 Western Blot analysis of MAGI1 expression in PC-12 (Cat # L012V1).



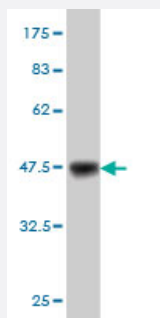
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MAGI1 is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to MAGI1 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.63 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MAGI1.
Immunogen	MAGI1 (NP_004733, 761 a.a. ~ 859 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SHSTQVLPEFPPAEAAQAPDQTDSSGQKKPDPFKWAQSRSMYENRPMSPSPASGLSKGERERE INSTNFGECPIPDYQEQDIFLWRKETGFGFRILGGN
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (94); Rat (95)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.63 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

MAGI1 monoclonal antibody (M03), clone 7B4 Western Blot analysis of MAGI1 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MAGI1 is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to MAGI1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — MAGI1

Entrez GeneID [9223](#)

GeneBank Accession# [NM_004742](#)

Protein Accession# [NP_004733](#)

Gene Name MAGI1

Gene Alias AIP3, BAIAP1, BAP1, MAGI-1, TNRC19, WWP3

Gene Description membrane associated guanylate kinase, WW and PDZ domain containing 1

Omim ID [602625](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the membrane-associated guanylate kinase homologue (MAGUK) family. MAGUK proteins participate in the assembly of multiprotein complexes on the inner surface of the plasma membrane at regions of cell-cell contact. The product of this gene may play a role as scaffolding protein at cell-cell junctions. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations BAI1-associated protein 1|WW domain-containing protein 3|atrophin-1 interacting protein 3|membrane associated guanylate kinase inverted-1|trinucleotide repeat-containing gene 19

Publication Reference

- [MAGI-1, a candidate stereociliary scaffolding protein, associates with the tip-link component cadherin 23.](#)

Xu Z, Peng AW, Oshima K, Heller S.

Journal of Neuroscience 2008 Oct; 28(44):11269.

Pathway

- [Tight junction](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)