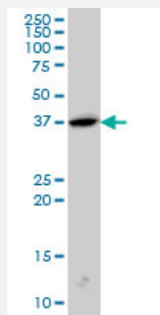


SH3GL2 monoclonal antibody (M01), clone 5A6

Catalog # H00006456-M01

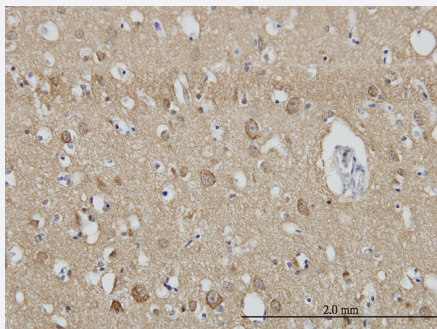
Size 100 ug

Applications



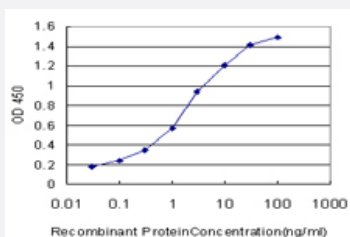
Western Blot (Cell lysate)

SH3GL2 monoclonal antibody (M01), clone 5A6 Western Blot analysis of SH3GL2 expression in PC-12 (Cat # L012V1).



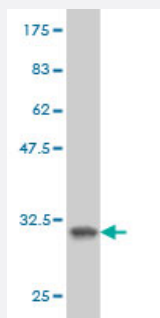
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to SH3GL2 on formalin-fixed paraffin-embedded human cerebral cortex. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SH3GL2 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (32.45 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant SH3GL2.
Immunogen	SH3GL2 (NP_003017, 64 a.a. ~ 124 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SRAKLSMINTMSKIRGQEKGPYPQAEALLAEAMLKFGRELGDDCNFGPALGEVGEAMREL
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (100); Rat (100)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.45 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)

SH3GL2 monoclonal antibody (M01), clone 5A6 Western Blot analysis of SH3GL2 expression in PC-12 (Cat # L012V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

Immunoperoxidase of monoclonal antibody to SH3GL2 on formalin-fixed paraffin-embedded human cerebral cortex. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged SH3GL2 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — SH3GL2

Entrez GeneID	6456
GeneBank Accession#	NM_003026
Protein Accession#	NP_003017
Gene Name	SH3GL2
Gene Alias	CNSA2, EEN-B1, FLJ20276, FLJ25015, SH3D2A, SH3P4
Gene Description	SH3-domain GRB2-like 2
Omim ID	604465
Gene Ontology	Hyperlink
Other Designations	Endophilin A1 BAR domain OTTHUMP00000021084 bA335L15.1 (SH3-domain GRB2-like 2)

Publication Reference

- [Cancer Testis Antigen Promotes Triple Negative Breast Cancer Metastasis and is Traceable in the Circulating Extracellular Vesicles.](#)

Kannan A, Philley JV, Hertweck KL, Ndetan H, Singh KP, Sivakumar S, Wells RB, Vadlamudi RK, Dasgupta S.
Scientific Reports 2019 Aug; 9(1):11632.

Application: IP, IP-WB, WB-Tr, Human, SUM-159, MDA-MB-231, MCF-7, HMLE cells

- [SH3GL2 is frequently deleted in non-small cell lung cancer and downregulates tumor growth by modulating EGFR signaling.](#)

Dasgupta S, Jang JS, Shao C, Mukhopadhyay ND, Sokhi UK, Das SK, Brait M, Talbot C, Yung RC, Begum S, Westra WH, Hoque MO, Ping Y, Yi JE, Lam S, Gazdar AF, Fisher PB, Jen J, Sidransky D.

Journal of Molecular Medicine 2013 Mar; 91(3):381.

Application: IHC, IP-WB, WB-Ce, Human, Squamous cell carcinoma, H1299, H1437, H1944 cells

Pathway

- [Endocytosis](#)

Disease

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