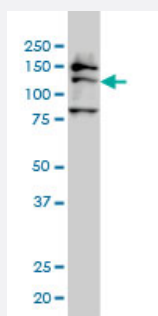


FMNL2 monoclonal antibody (M01), clone 2B4

Catalog # H00114793-M01

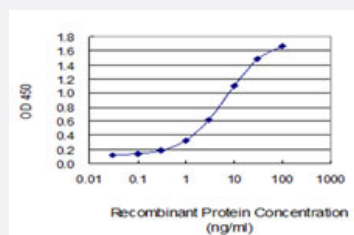
Size 100 ug

Applications



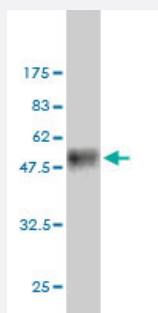
Western Blot (Cell lysate)

FMNL2 monoclonal antibody (M01), clone 2B4 Western Blot analysis of FMNL2 expression in IMR-32 (Cat # L008V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FMNL2 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (45.32 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant FMNL2.

Immunogen	FMNL2 (AAH36492, 1 a.a. ~ 178 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MDLTKREYTMHDSHTLLKEFILNNEGKLLKLQDDAKIAQDAFDDVVKYFGENPKTTPPSVFFPVF VRFVKAYKQAEENELRKKQEALMEKLLEQEALMEQQDPKSPSHKSKRQQQELIAELRRRQV KDNRHVYEGKDGAIEDITALKKNNITKFPNVHSRVRISSTPVVEDTQS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.32 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)

FMNL2 monoclonal antibody (M01), clone 2B4 Western Blot analysis of FMNL2 expression in IMR-32 (Cat # L008V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FMNL2 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FMNL2

Entrez GeneID

[114793](#)

GeneBank Accession#	BC036492
Protein Accession#	AAH36492
Gene Name	FMNL2
Gene Alias	FHOD2, FLJ37546
Gene Description	formin-like 2
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a formin-related protein. Formin-related proteins have been implicated in morphogenesis, cytokinesis, and cell polarity. Alternatively spliced transcript variants encoding different isoforms have been described but their full-length nature has yet to be determined. [provided by RefSeq]
Other Designations	formin homology 2 domain containing 2

Publication Reference

- [Epigenetic silencing of miR137 in gastric cancer.](#)

Jin W, Jiang T, Sun J, Xu W, Feng L, Jin H, Wang X.

Molecular Carcinogenesis 2015 Feb; 55(4):376.

Application: WB, Human, AGS, NCI-N87 cells

- [Down-regulation of formin-like 2 predicts poor prognosis in hepatocellular carcinoma.](#)

Liang L, Guan J, Zeng Y, Wang J, Li X, Zhang X, Ding Y.

Human Pathology 2011 Nov; 42(11):1603.

Application: IHC, WB, Human, HepG2, M6, Huh7, QGy-7703, HL-7702 cells, Hepatocellular carcinoma

- [FMNL2 is a positive regulator of cell motility and metastasis in colorectal carcinoma.](#)

Zhu XL, Zeng YF, Guan J, Li YF, Deng YJ, Bian XW, Ding YQ, Liang L.

The Journal of Pathology 2011 Jul; 224(3):377.

Application: WB-Ce, Human, CRC cell lines SW620, SW480, HT29

- [FMNL2 enhances invasion of colorectal carcinoma by inducing epithelial mesenchymal transition.](#)

Li Y, Zhu X, Zeng Y, Wang J, Zhang X, Ding YQ, Liang L.

Molecular Cancer Research 2010 Dec; 8(12):1579.

Application: IHC-P, WB-Ce, WB-Tr, Human, SW620, SW480/M5, SW480, HT29 cells, Colorectal carcinoma

- [Formin-like 2 drives amoeboid invasive cell motility downstream of RhoC.](#)

Kitzing TM, Wang Y, Pertz O, Copeland JW, Grosse R.

Oncogene 2010 Apr; 29(16):2441.

Application: WB-Tr, Mouse, MEFs

- [Overexpression of FMNL2 is closely related to metastasis of colorectal cancer.](#)

Zhu XL, Liang L, Ding YQ.

International Journal of Colorectal Disease 2008 Jul; 23(11):1041.

Application: IHC-P, WB-Ce, Human, Colorectal cancer (CRC) and adjacent normal colorectal mucosa, HT29, LoVo, LS174T, SW480, SW620 cells

Disease

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