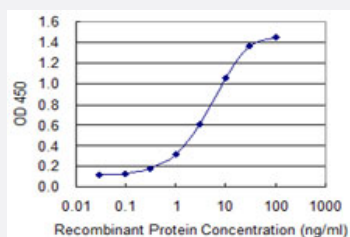


FLNA monoclonal antibody (M02), clone 3B6-1D10

Catalog # H00002316-M02

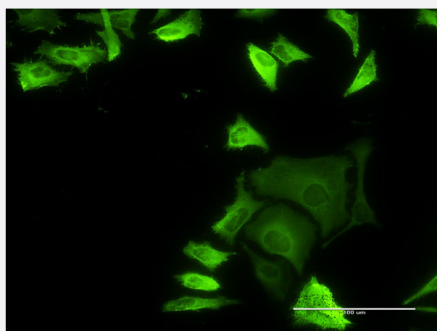
Size 100 ug

Applications



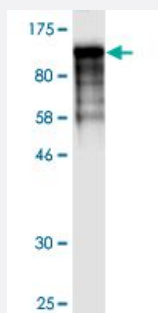
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (117.92 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant FLNA.

Immunogen	FLNA (AAH14654, 1 a.a. ~ 838 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPSGKVAQPTITDNKDGTVTTRYAPSEAGLHEMDIRYDNMHIPGSPLQFVVDYVNCGHVTAYGPG LTHGVVNKPATFTVNTKDAGEGGLSLAIEGPSKAEISCTDNQDGTCSVSYLPVLPGDYSILVKYNE QHVPGPSFTARVTGDDSMRMSHLKVSAADIPINSETDLSSLTATVPPSGREEPCLLKRLRNHG VGISFVPKETGEHLVHVKKNGQHVASSPIPVVISQSEIGDASRVVSGQGLHEGHTFEPAEFIIDTR DAGYGGLSLSIEGPSKVDINTEDLEDGTCRVTYCPTPEGNYINIKFADQHVPGPSFVSVKVTGEGRV KESITRRRRAPSVANVGSHCDLSLKIPEISIQDMTAQVTSPSGKTHEAEIVEGENHTYCIKRVPAEM GHTTVSVKYKGQHVPGSPFQFTVGPLGEGGAHKVRAGGPGLERAEAGVPAEFVSWTREAGAGG LAIAVEGPSKAEISFEDRKDGSCGVAYVQEPGDYEVSVKFNEEHIPDSPFVVPVASPSGDARRL TVSSLQESGLKVNQPASFAVSLNGAKGAIDAKVHSPSGALEECYVTEIDQDKYAVRFIPRENGVYL IDVKFNGTHIPGSPFKIRVGEFGHGDPGLVSAYGAGLEGGVTGNPAEFVVNTSNAGAGALSVTID GPSKVKMDCQECPEGYRVTYTPMAPGSYLISKYGGPYHIGGSPFKAKVTGPRLVSNHSLHETSS VFVDSLTKATCAPQHGAPGPGPADASKVVAKGLGLSKAYVGQKSSFTVDCSKAGNNMLLVGVH GPRTPCEEILVKHVGSRLYSVSYLLKDKGEYTLVVKWGDEHIPGSPYRVVVP
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (117.92 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 (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — FLNA

Entrez GeneID	2316
GeneBank Accession#	BC014654
Protein Accession#	AAH14654
Gene Name	FLNA
Gene Alias	ABP-280, ABPX, DKFZp434P031, FLN, FLN1, FMD, MNS, NHBP, OPD, OPD1, OPD2
Gene Description	filamin A, alpha (actin binding protein 280)
Omim ID	300017 300049 300537 304120 309350 311300
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an actin-binding protein that crosslinks actin filaments and links actin filaments to membrane glycoproteins. The encoded protein is involved in remodeling the cytoskeleton to effect changes in cell shape and migration. This protein interacts with integrins, transmembrane receptor complexes, and second messengers. Defects in this gene are a cause of several syndromes, including periventricular nodular heterotopias (PVNH1, PVNH4), otopalatodigital syndromes (OPD1, OPD2), frontometaphyseal dysplasia (FMD), Melnick-Needles syndrome (MNS), and X-linked congenital idiopathic intestinal pseudoobstruction (CIIPX). Two transcript variants encoding different isoforms have been found for this gene
Other Designations	OTTHUMP00000024320 actin-binding protein 280 filamin 1 filamin A, alpha

Pathway

- [Focal adhesion](#)
- [MAPK signaling pathway](#)

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)