FBLN2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	FBLN2, Monoclonal Antibody
Full Product Name	FBLN2 (Fibulin 2, Fibulin-2, FIBL-2) (MaxLight 405)
Product Gene Name	anti-FBLN2 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2A2
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FBLN2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery o product, centrifuge the original vial prior to removing the cap.
OMIM	135821
3D Structure	ModBase 3D Structure for P98095
Immunogen	Partial recombinant corresponding to aa1076-1184 from human FBLN2 (NP_001989) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	FLECQNSPARITHYQLNFQTGLLVPAHIFRIGPAPAFTGDTIALNIIKGNEEGYFGTRRLNAYTGVVYLQRAVLEPRDFALDVEMKLWRQGSVTTFLAKMHIF
Conjugate	MaxLight405
Product Categories/Family for anti-FBLN2 antibody	Antibodies; Extracellular Matrix Proteins
Applications Tested/Suitable for anti-FBLN2 antibody	FLISA
Application Notes for anti-FBLN2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-FBLN2 antibody	This gene encodes an extracellular matrix protein, which belongs to the fibulin family. This protein binds various extracellular ligands and calcium. It ma role during organ development, in particular, during the differentiation of heart, skeletal and neuronal structures. Alternatively spliced transcript variants encoding different isoforms have been identified.

Other Notes	Small volumes of anti-FBLN2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and add dry ice fee may apply.
Searchable Terms for FBLN2 purchase	MBS6190107 is an antibody targeting FBLN2. Also known as FBLN2 (Fibulin 2, Fibulin-2, FIBL-2) (MaxLight 405). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FBLN2. It may not necessarily be applicable to this product.

NCBI GI #	51873055
NCBI GeneID	2199
NCBI Accession #	NP_001989
UniProt Primary Accession #	P98095
UniProt Related Accession #	P98095
GenBank Nucleotide #	NM_001998
NCBI Official Full Name	fibulin-2 isoform b
NCBI Official Synonym Full Names	fibulin 2
NCBI Official Symbol	FBLN2
UniProt Protein Name	Fibulin-2
Protein Family	Fibulin
UniProt Gene Name	FBLN2
UniProt Synonym Gene Names	FIBL-2
UniProt Entry Name	FBLN2_HUMAN
NCBI Protein Information	fibulin-2
UniProt Comments for FBLN2	FBLN2: Its binding to fibronectin and some other ligands is calcium dependent. Belongs to the fibulin family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 3p25.1 Cellular Component: extracellular matrix; proteinaceous extracellular matrix; extracellular region; vesicle Molecular Function: extracellular matrix binding; extracellular matrix structural constituent; calcium ion binding Biological Process: extracellular matrix organization and biogenesis
Research Articles on FBLN2	**1.** The enriched epithelial cells of peripheral blood lymphocytes of decreased FBLN2 expression was found to be correlated with metastasis. The fibulin-2 molecules might induce the metastatic potential through interaction with the other molecules in the microenvironment.
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