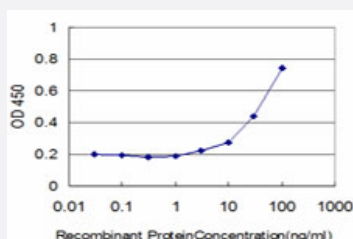


FBL monoclonal antibody (M01), clone 4G9-E4

Catalog # H00002091-M01

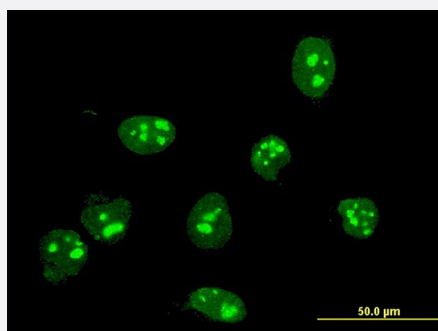
Size 100 ug

Applications



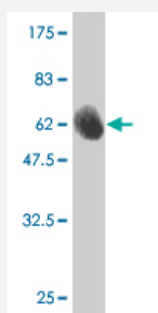
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FBL is approximately 3ng/ml as a capture antibody.



Immunofluorescence

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



Western Blot detection against Immunogen (61.05 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant FBL.

Immunogen	FBL (AAH19260.1, 1 a.a. ~ 321 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKPGFSPRGGGFGGRRGGFGDRGGRGGRGGFGGGRGRGGGFRGRGRGGGGGGGGGGGGGR GGGGFHSGGNRGRGRGGKRGNGSGKNVMVEPHRHEGVFICRGKEDALVTKNLVPGESVYGEK RVSISEGDDKIEYRAWNPFRSKLAAAILGGVDQIHIKPGAKVLYLGAASGTTVSHVSDIVGPDGLVY AVEFSHRSGRDLINLAKKRTNIIPVIEDARHPHKYRMLIAMVDVIFADVAQPDQTRIVALNAHTFLRN GGHFVISIKANCIDTTASAEAVFASEVKKMQQENMKPQEQLTLEPYERDHAVVVG VYRPPPKVKN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (61.05 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 FBL is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — FBL

Entrez GeneID

[2091](#)

GeneBank Accession#	BC019260
Protein Accession#	AAH19260.1
Gene Name	FBL
Gene Alias	FIB, FLRN, RNU3IP1
Gene Description	fibrillarin
Omim ID	134795
Gene Ontology	Hyperlink
Gene Summary	This gene product is a component of a nucleolar small nuclear ribonucleoprotein (snRNP) particle thought to participate in the first step in processing preribosomal RNA. It is associated with the U 3, U8, and U13 small nuclear RNAs and is located in the dense fibrillar component (DFC) of the nucleolus. The encoded protein contains an N-terminal repetitive domain that is rich in glycine and arginine residues, like fibrillarins in other species. Its central region resembles an RNA-binding domain and contains an RNP consensus sequence. Antisera from approximately 8% of humans with the autoimmune disease scleroderma recognize fibrillarin. [provided by RefSeq]
Other Designations	34-kD nucleolar scleroderma antigen RNA, U3 small nucleolar interacting protein 1

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)