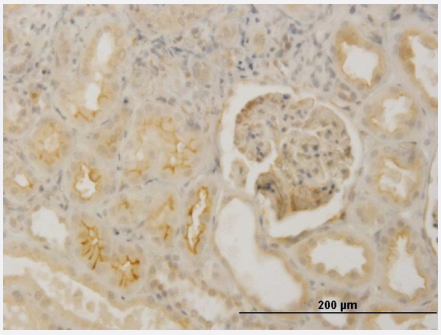
FBN1 monoclonal antibody (M01), clone 3H6

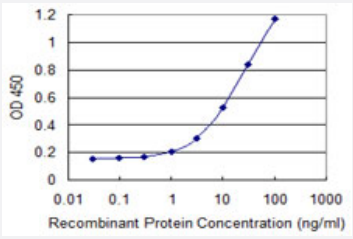
Catalog # H00002200-M01 Size 100 ug

Applications



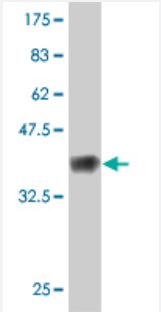
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to FBN1 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FBN1 is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant FBN1.

Immunogen	FBN1 (NP_000129, 2772 a.a. ~ 2871 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SNKVRILELLPALTTLTNHNRYLIESGNEDGFFKINQKEGISYLHFTKKKPVAGTYSLQISSTPLYKKK ELNQLEDKYDKDYLSGELGDNLKMKIQVLLH
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 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

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

  Immunoperoxidase of monoclonal antibody to FBN1 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged FBN1 is 0.3 ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — FBN1

Entrez GeneID	2200

GeneBank Accession#	NM_000138
Protein Accession#	NP_000129
Gene Name	FBN1
Gene Alias	FBN, MASS, MFS1, OCTD, SGS, WMS
Gene Description	fibrillin 1
Omim ID	129600 134797 154700 182212 604308 608328
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the fibrillin family. The encoded protein is a large, extracellular m atrix glycoprotein that serve as a structural component of 10-12 nm calcium-binding microfibrils. T hese microfibrils provide force bearing structural support in elastic and nonelastic connective tiss ue throughout the body. Mutations in this gene are associated with Marfan syndrome, isolated ect opia lentis, autosomal dominant Weill-Marchesani syndrome, MASS syndrome, and Shprintzen-G oldberg craniosynostosis syndrome. [provided by RefSeq
Other Designations	fibrillin 15

Disease

- Aneurysm
- Aortic Aneurysm
- Aortic Rupture
- Aortic Valve Insufficiency
- Aortic Valve Stenosis
- Bipolar Disorder
- Cardiovascular Diseases
- Connective Tissue Diseases
- Coronary Artery Disease
- Diabetes Mellitus
- Dilatation
- Ectopia Lentis

- Edema
- Exfoliation Syndrome
- Genetic Predisposition to Disease
- Glaucoma
- Growth Disorders
- Hip Dislocation
- Kidney Failure
- Marfan syndrome
- Mitral Valve Insufficiency
- Mitral Valve Prolapse
- Schizophrenia
- Scleroderma
- Tetralogy of Fallot
- Tobacco Use Disorder
- Vascular Diseases