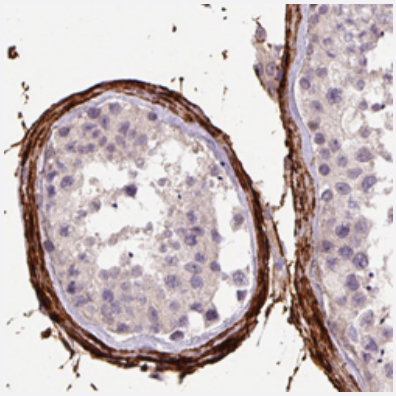
Sm Size

FBN1 monoclonal antibody, clone CL0225

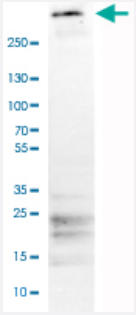
Catalog # MAB15569 Size 25 uL, 100 uL

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis with FBN1 monoclonal antibody, clone CL0225 (Cat # MAB15569) shows strong immunoreactivity in the extracellular matrix of seminiferous tubules.



Western Blot (Tissue lysate)

Western Blot analysis of human tonsil tissue lysate with FBN1 monoclonal antibody, clone CL0225 (Cat # MAB15569).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human FBN1.
Immunogen	Recombinant protein corresponding to human FBN1.
Epitope	This antibody binds to an epitope located within the peptide sequence KMQCCCDAGRCWSPG as determined by overlapping synthetic peptides.
Sequence	DVRPGYCYTALTNGRCSNQLPQSITKMQCCCDAGRCWSPGVTVAPEMCPIRATEDFNKLCSVP MVIPGRPEYPPPPLGPIPPVLPVPPGFPPGPQIPVPRPPVEYLYPSREPPRVLPVNVTDYCQLVRY LCQNGRCIPTPGSCRCEC

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Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG2b
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testis with FBN1 monoclonal antibody, clone CL0225 (Cat # MAB15569) shows strong immunoreactivity in the extracellular matrix of seminiferous tubules.

- Western Blot (Tissue lysate)

  Western Blot analysis of human tonsil tissue lysate with FBN1 monoclonal antibody, clone CL0225 (Cat # MAB15569).

Gene Info — FBN1

Entrez GeneID	2200
Protein Accession#	P35555
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

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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

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- Marfan syndrome
- Mitral Valve Insufficiency
- Mitral Valve Prolapse
- Schizophrenia
- Scleroderma
- Tetralogy of Fallot
- Tobacco Use Disorder
- Vascular Diseases

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