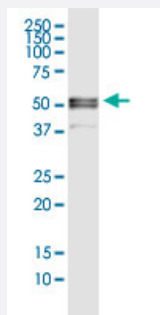


FGB monoclonal antibody (M01), clone 1D7

Catalog # H00002244-M01

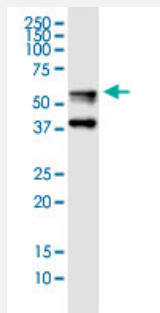
Size 100 ug

Applications



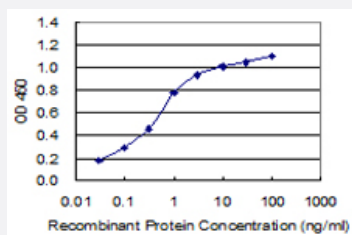
Western Blot (Cell lysate)

FGB monoclonal antibody (M01), clone 1D7. Western Blot analysis of FGB expression in PC-12.



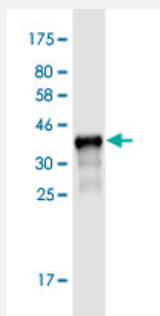
Western Blot (Cell lysate)

FGB monoclonal antibody (M01), clone 1D7. Western Blot analysis of FGB expression in HepG2.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FGB 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 FGB.
Immunogen	FGB (NP_005132, 392 a.a. ~ 491 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GENRTMTIHNGMFFSTYDRDNDGWLTS DPRKQCSKEDGGGWWYNRCHAANPNGRYYWGGQYT WDMAKHGTDDGVVWMNWKGSWYSMRKMSMKIRPFFPQQ
Host	Mouse
Reactivity	Human, Rat
Interspecies Antigen Sequence	Mouse (94); Rat (93)
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 (Cell lysate)

FGB monoclonal antibody (M01), clone 1D7. Western Blot analysis of FGB expression in PC-12.

[Protocol Download](#)

- Western Blot (Cell lysate)

FGB monoclonal antibody (M01), clone 1D7. Western Blot analysis of FGB expression in HepG2.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — FGB

Entrez GeneID [2244](#)

GeneBank Accession# [NM_005141](#)

Protein Accession# [NP_005132](#)

Gene Name FGB

Gene Alias MGC104327, MGC120405

Gene Description fibrinogen beta chain

Omim ID [134830 202400](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The protein encoded by this gene is the beta component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this gene lead to several disorders, including afibrinogenemia, dysfibrinogenemia, hypodysfibrinogenemia and thrombotic tendency. [provided by RefSeq]

Other Designations fibrinogen, B beta polypeptide|fibrinogen, beta chain

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Abruptio Placentae](#)
- [Aggressive Periodontitis](#)
- [Albuminuria](#)
- [Alveolar Bone Loss](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anemia](#)
- [Angina](#)
- [Angina Pectoris](#)
- [Arterial Occlusive Diseases](#)
- [Arteriosclerosis](#)
- [Arthritis](#)
- [Atherosclerosis](#)
- [Atrial Fibrillation](#)
- [beta-Thalassemia](#)
- [Blood Coagulation Disorders](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)

- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Celiac Disease](#)
- [Cerebral Infarction](#)
- [Cerebral Palsy](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chorioamnionitis](#)
- [Chronic Disease](#)
- [Chronic Periodontitis](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Coronary Restenosis](#)
- [Coronary Stenosis](#)
- [Coronary Thrombosis](#)
- [Critical Illness](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Diabetic Retinopathy](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Fetal Death](#)

- [Fetal Growth Retardation](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hemophilia A](#)
- [Hemorrhage](#)
- [Hepatic Vein Thrombosis](#)
- [Hypercholesterolemia](#)
- [Hyperlipoproteinemia Type II](#)
- [Hypertension](#)
- [Infertility](#)
- [Inflammation](#)
- [Inflammatory Bowel Diseases](#)
- [Ischemia](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Legg-Perthes Disease](#)
- [Lupus Nephritis](#)
- [Macular Degeneration](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Mitral Valve Stenosis](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Neoplasms](#)

- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Periodontal Attachment Loss](#)
- [Periodontal Pocket](#)
- [Periodontitis](#)
- [Peripheral Vascular Diseases](#)
- [Pre-Eclampsia](#)
- [Pregnancy Complications](#)
- [Premature Birth](#)
- [Pulmonary Disease](#)
- [Pulmonary Embolism](#)
- [Recurrence](#)
- [Renal Insufficiency](#)
- [Retinal Vein Occlusion](#)
- [Sepsis](#)
- [Shock](#)
- [Stroke](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Thrombotic Microangiopathies](#)
- [Vascular Diseases](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)