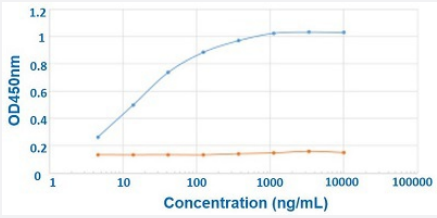
RecomAb™

FGA recombinant monoclonal antibody, clone 3B6

Catalog # RAB03410 Size 200 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FGA recombinant monoclonal antibody, clone 3B6 (Cat # RAB03410).
Binding curve of the antibody RAB03410 (blue line) to an ELISA plate coated with D-dimer protein (Bio-Rad 4440-0256) at a concentration of 5 ug/mL. A 3-fold serial dilution from 10,000 ng/mL was performed using RAB03410. For signal detection a 1:4,000 dilution of HRP-Inti-r antibody was used. Ri-Fluorescein [4-4-20 (enhanced)] antibody was used as a control (orange curve).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human FGA.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against human cross-linked D-Dimer.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	IgG kappa
Recommend Usage	ELISA LFIA Latex and RBC Agglutination The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Lateral-Flow Immunochromatographic Assay
- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of FGA recombinant monoclonal antibody, clone 3B6 (Cat # RAB03410).
  Binding curve of the antibody RAB03410 (blue line) to an ELISA plate coated with D-dimer protein (Bio-Rad 4440-0256) at a concentration of 5 ug/mL. A 3-fold serial dilution from 10,000 ng/mL was performed using RAB03410. For signal detection a 1:4,000 dilution of HRP-Inti-r antibody was used. Ri-Fluorescein [4-4-20 (enhanced)] antibody was used as a control (orange curve).

- Agglutination

Gene Info — FGA

Entrez GeneID	2243
Gene Name	FGA
Gene Alias	Fib2, MGC119422, MGC119423, MGC119425
Gene Description	fibrinogen alpha chain
Omim ID	105200 134820 202400
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is the alpha 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 dysfibrinogenemia, hypofibrinogenemia, afibrinogenemia and renal amyloidosis. Alternative splicing results in two isoforms which vary in the carboxy-terminus. [provided by RefSeq
Other Designations	fibrinogen, A alpha polypeptide|fibrinogen, alpha chain, isoform alpha preproprotein|fibrinogen, alpha polypeptide

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Pathway

- Complement and coagulation cascades

Disease

- Alzheimer disease
- Anemia
- Angina
- Aortic Diseases
- Atherosclerosis
- Brain Ischemia
- Calcinosis
- Cardiovascular Diseases
- Carotid Artery Diseases
- Carotid Stenosis
- Cerebral Hemorrhage
- Cerebral Infarction
- Cerebrovascular Accident
- Cerebrovascular Disorders
- Chronic Disease
- Coronary Artery Disease
- Coronary Disease
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression

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- Edema
- Foramen Ovale
- Genetic Predisposition to Disease
- Glomerulonephritis
- Heart Defects
- Heart Septal Defects
- Hemophilia A
- Hemorrhage
- Hypertension
- Ischemia
- Macular Degeneration
- Metabolic Syndrome X
- Myocardial Infarction
- Neoplasms
- Obesity
- Osteoporosis
- Postoperative Complications
- Pulmonary Embolism
- Stroke
- Thromboembolism
- Thrombosis
- Vascular Diseases
- Venous Thrombosis

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