

FGA rabbit monoclonal antibody

Catalog # H00002243-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human FGA peptide using ARM Technology.
Immunogen	A synthetic peptide of human FGA is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human FGA peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — FGA

Entrez GeneID	2243
GeneBank Accession#	FGA
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

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](#)
- [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](#)