BT LAB
Bioassay Technology Laboratory

Optimize Your Research

FGB Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3723
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human FGB (aa30-300) expressed in E. Coli.
Mol wt	52kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB
Concentration	N/A
Full name	N/A
Synonyms	fibrinogen beta chain

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Fibrinogen beta chain, also known as FGB, is a gene found in humans and most other vertebrates with a similar system of blood coagulation.It 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.

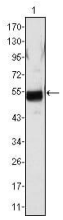
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using FGB mouse mAb against human plasma (1).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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