

Fibrin beta-chain Recombinant Antibody | FGB recombinant antibody

Anti-Fibrin beta-chain [59D8], Rabbit IgG, kappa

CATALOG # AAA72541	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA
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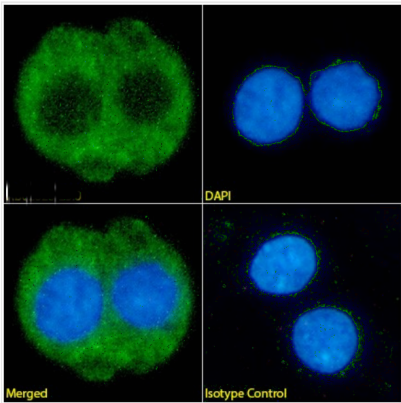
PRODUCT SYNONYMS

Fibrin beta-chain; Monoclonal Recombinant Antibody; Anti-Fibrin beta-chain [59D8]; Rabbit IgG; kappa; FGB; factor Ia; factor-1a; fibrin; fibrin beta chain; Fibrinogen beta chain; Fibrinopeptide B; FGB recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG kappa
Clone Number	59D8
Specificity	This antibody selectively binds to the amino-terminus of the fibrin beta-chain that becomes exposed after cleavage of fibrinopeptide B by thrombin.
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for FGB recombinant antibody	ELISA
Chimeric Use Statement	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.
Pub PMID	10715263
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of HepG2 cells with anti-Fibrin beta-chain antibody 59D8 (AAA72541). Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells on slides, coverslips stained with the chimeric rabbit IgG version of 59D8 (AAA72541) (1:100 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing cytoplasmic staining. The nuclear stain is DAPI. Top-left, top-right, bottom-left, bottom-right, AAA72541, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for FGB recombinant antibody	The original antibody was generated by using a synthetic heptapeptide from the amino terminus of the beta chain in human fibrin as an immunogen.
References	Hui et al. Monoclonal antibodies to a synthetic fibrin-like peptide bind to human fibrin but not fibrinogen. Science. 1983 Dec 9;222(4628):1129-32. N/A6648524 Note on publication: Describes the generation of this antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	296080754
NCBI GeneID	2244
NCBI Accession #	NP_001171670.1
NCBI GenBank Nucleotide #	NM_001184741.1
UniProt Accession #	P02675; Q3KPF2; B2R7G3
Molecular Weight	55,928 Da
NCBI Official Full Name	fibrinogen beta chain isoform 2 preproprotein
NCBI Official Synonym Full Names	fibrinogen beta chain
NCBI Official Symbol	FGB
NCBI Protein Information	fibrinogen beta chain; fibrinogen, B beta polypeptide
UniProt Protein Name	Fibrinogen beta chain
UniProt Gene Name	FGB
UniProt Entry Name	FIBB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.