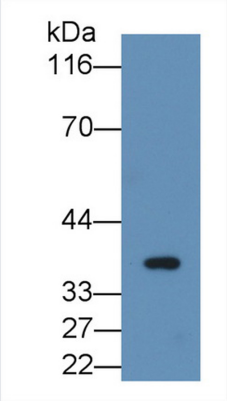
Fibrinogen Like Protein 1 (FGL1) Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	Fibrinogen Like Protein 1 (FGL1), Monoclonal Antibody
Full Product Name	Monoclonal Antibody to Fibrinogen Like Protein 1 (FGL1)
Product Gene Name	anti-FGL1 antibody
Product Synonym Names	FGL1/Fibrinogen Like Protein 1; FGL1; HFREP1; HP041; LFIRE1; Hepassocin; Hepatocytederived fibrinogenrelated protein 1; Liver fibrinogenrelated protein 1
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C5
Host	Mouse
Species Reactivity	Human
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Purity/Purification	Protein A + Protein G affinity chromatography
Concentration	1mg/mL (lot specific)
Specificity	The antibody is a mouse monoclonal antibody raised against FGL1. It has been selected for its ability to recognize FGL1 in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: FGL1 Clone #C5 (MBS2139229) APC-CY7 Conjugated Antibody: FGL1 Clone #C5 (MBS2135812)
Matching Pairs	Unconjugated Antibody: FGL1 Clone #C5 (MBS2139229) PE Conjugated Antibody: FGL1 Clone #C5 (MBS2135815)
Matching Pairs	Unconjugated Antibody: FGL1 Clone #C5 (MBS2139229) APC Conjugated Antibody: FGL1 Clone #C5 (MBS2135818)
Matching Pairs	Unconjugated Antibody: FGL1 Clone #C5 (MBS2139229) Cy3 Conjugated Antibody: FGL1 Clone #C5 (MBS2135821)
Matching Pairs	Unconjugated Antibody: FGL1 Clone #C5 (MBS2139229) Biotin Conjugated Antibody: FGL1 Clone #C5 (MBS2135824)
Matching Pairs	Unconjugated Antibody: FGL1 Clone #C5 (MBS2139229) FITC Conjugated Antibody: FGL1 Clone #C5 (MBS2135827)
Matching Pairs	Unconjugated Antibody: FGL1 Clone #C5 (MBS2139229) HRP Conjugated Antibody: FGL1 Clone #C5 (MBS2135830)
3D Structure	ModBase 3D Structure for Q08830
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen Type	Prokaryotic Recombinant proteins/RP

Sequence of Immunogen	Leu23~Ile312
Conjugation	Unconjugated
Product Categories/Family for anti-FGL1 antibody	Hematology; Primary
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-FGL1 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Application Notes for anti-FGL1 antibody	WB: 0.52ug/mL IHC: 520ug/mL ICC: 520ug/mL
Related Product Information for anti-FGL1 antibody	MBS2139229 is an antibody targeting FGL1. Also known as Monoclonal Antibody to Fibrinogen Like Protein 1 (FGL1). Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-FGL1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-FGL1 antibody
Western Blot; Sample: Human Placenta lysate Primary Ab: 2ug/ml Mouse AntiHuman FGL1 Antibody Second Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FGL1. It may not necessarily be applicable to this product.

NCBI GI #	42544198
NCBI GeneID	2267
NCBI Accession #	NP_671736.2
UniProt Primary Accession #	Q08830
UniProt Related Accession #	Q08830
GenBank Nucleotide #	NM_147203.2
NCBI Official Full Name	fibrinogen-like protein 1
NCBI Official Synonym Full Names	fibrinogen like 1
NCBI Official Symbol	FGL1
NCBI Official Synonym Symbols	HFREP1; HP-041; LFIRE1; LFIRE-1
UniProt Protein Name	Fibrinogen-like protein 1

UniProt Synonym Protein Names	HP-041; Hepassocin; Hepatocyte-derived fibrinogen-related protein 1; HFREP-1; Liver fibrinogen-related protein 1; LFIRE-1
Protein Family	Fibrinogen-like protein
UniProt Gene Name	FGL1
UniProt Synonym Gene Names	HFREP1; HFREP-1; LFIRE-1
NCBI Protein Information	fibrinogen-like protein 1
NCBI Summary for FGL1	Fibrinogen-like 1 is a member of the fibrinogen family. This protein is homologous to the carboxy terminus of the fibrinogen beta- and gamma- subunits which contains the four conserved cysteines of fibrinogens and fibrinogen related proteins. However, this protein lacks the platelet-binding site, cross-linking region and a thrombin-sensitive site which are necessary for fibrin clot formation. This protein may play a role in the development of hepatocellular carcinomas. Four alternatively spliced transcript variants encoding the same protein exist for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for FGL1	Has hepatocyte mitogenic activity.
Research Articles on FGL1	**1.** FGL1 promotes invasion and metastasis of gastric cancer and is associated with poor prognosis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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