



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FGG monoclonal antibody (M01), clone 1F2

Catalog # : H00002266-M01

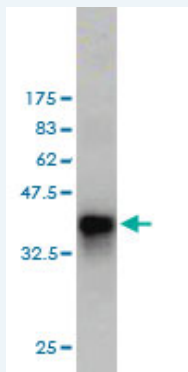
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant FGG.
Immunogen:	FGG (AAH07044, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	RDNCCILDERFGSYCPTTCGIADFLSTYQTKVDKDLQSLEDILHQVENKT SEVKQLIKAIQLTYNPDESSKPNMIDAATLKSRKMLEEIMKYEASILTHD
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.63 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

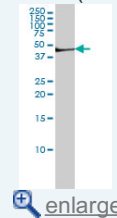
Publication Reference

- [Identification of Novel Diagnostic Biomarkers for Asthma and Chronic Obstructive Pulmonary Disease.](#)
Verrills NM, Irwin JA, He XY, Wood LG, Powell H, Simpson JL, McDonald VM, Sim A, Gibson PG. *Am J Respir Crit Care Med.* 2011 Mar 18. [Epub ahead of print]
- [Analysis of proteomic profiles and functional properties of human peripheral blood myeloid dendritic cells, monocyte-derived dendritic cells and the dendritic cell-like KG-1 cells reveals distinct characteristics.](#)
Horlock C, Shakib F, Mahdavi J, Jones NS, Sewell HF, Ghaemmaghami AM. *Genome Biol.* 2007;8(3):R30.

Applications

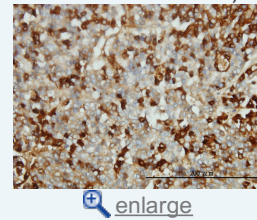
Application Image

Western Blot (Cell lysate)

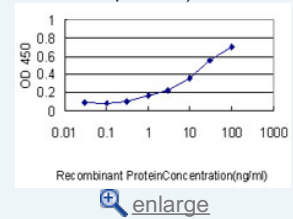


Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

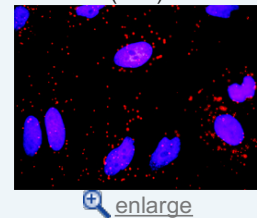


Sandwich ELISA (Recombinant protein)

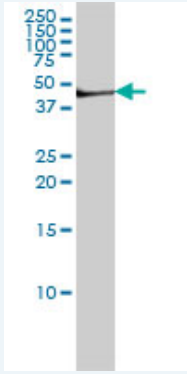


ELISA

In situ Proximity Ligation Assay (Cell)



Western Blot (Cell lysate)



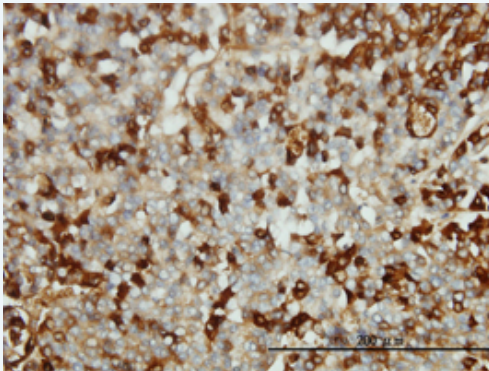
FGG monoclonal antibody (M01), clone 1F2 Western Blot analysis of FG expression in HeLa S3 NE (Cat # L013V3).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

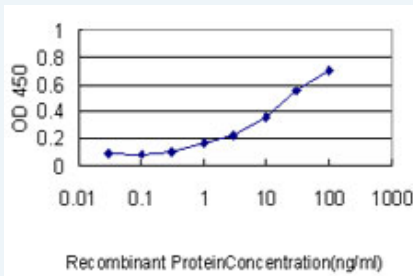


 [enlarge this image](#)

Immunoperoxidase of monoclonal antibody to FG on formalin-fixed paraffin-embedded human hepatocellular carcinoma tissue. [antibody concentration 1 µg/ml]

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)

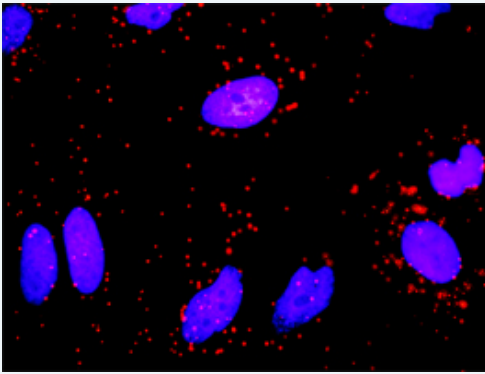


Detection limit for recombinant GST tagged FG is approximately 0.3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

In situ Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between ICAM1 and FGG. HeLa cells were stained with anti-ICAM1 rabbit purified polyclonal 1:1200 and anti-FGG mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID: [2266](#)

GeneBank Accession#: [BC007044](#)

Protein Accession#: [AAH07044](#)

Gene Name: FGG

Gene Alias: -

Gene Description: fibrinogen gamma chain

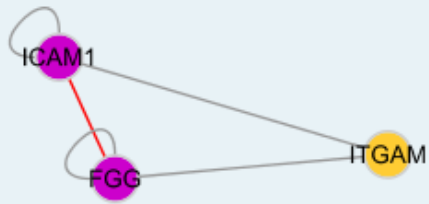
Omim ID: [134850](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is the gamma 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 and thrombophilia. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations: fibrinogen, gamma chain, fibrinogen, gamma polypeptide

Interactome



Gene Pathway

[Complement and coagulation cascades](#)

Related Disease

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[Carotid Stenosis](#) [Cerebral Hemorrhage](#) [Coronary Artery Disease](#) [Coronary Disease](#)
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