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FGL2 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant FGL2.
Catalog # AT2043a

Product Information

Application	WB, E
Primary Accession	Q14314
Other Accession	NM_006682
Reactivity	Human, Mouse, Rat
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	5A10
Calculated MW	50229

Additional Information

Gene ID	10875
Other Names	Fibroleukin, Fibrinogen-like protein 2, pT49, FGL2
Target/Specificity	FGL2 (NP_006673, 24 a.a. ~ 123 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	FGL2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

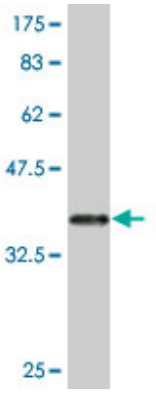
The protein encoded by this gene is a secreted protein that is similar to the beta- and gamma-chains of fibrinogen. The carboxyl-terminus of the encoded protein consists of the fibrinogen-related domains (FRED). The encoded protein forms a tetrameric complex which is stabilized by interchain disulfide bonds. This protein may play a role in physiologic functions at mucosal sites.

References

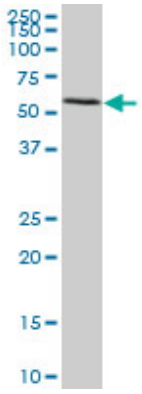
The FGL2/fibroleukin prothrombinase is involved in alveolar macrophage activation in COPD through the MAPK pathway. Liu Y, et al. Biochem Biophys Res Commun, 2010 May 28. PMID 20438701.Candidate genes associated with susceptibility for SARS-coronavirus. Hsieh YH, et al. Bull Math Biol, 2010 Jan. PMID

19590927.Severe acute respiratory syndrome coronavirus nucleocapsid protein does not modulate transcription of the human FGL2 gene. Siu KL, et al. J Gen Virol, 2009 Sep. PMID 19423547.Fibrinogen-like protein 2/fibroleukin prothrombinase contributes to tumor hypercoagulability via IL-2 and IFN-gamma. Su K, et al. World J Gastroenterol, 2008 Oct 21. PMID 18932275.Hepatitis B virus-induced hFGL2 transcription is dependent on c-Ets-2 and MAPK signal pathway. Han M, et al. J Biol Chem, 2008 Nov 21. PMID 18801734.

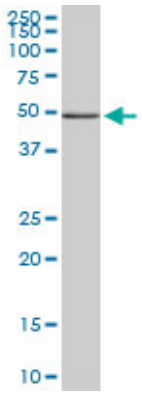
Images



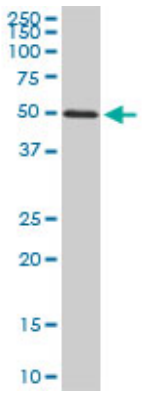
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



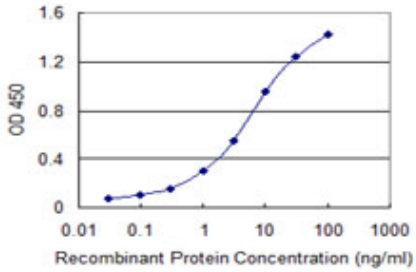
FGL2 monoclonal antibody (M02), clone 5A10. Western Blot analysis of FGL2 expression in HeLa ((Cat # AT2043a)



FGL2 monoclonal antibody (M02), clone 5A10. Western Blot analysis of FGL2 expression in PC-12 ((Cat # AT2043a)



FGL2 monoclonal antibody (M02), clone 5A10. Western Blot analysis of FGL2 expression in Raw 264.7 ((Cat # AT2043a)



Detection limit for recombinant GST tagged FGL2 is 0.03 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.