

Product Datasheet

FGL2/Fibroblast Growth Factor Receptor 2 (FGFR2) - Azide and BSA Free H00010875-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00010875-M01

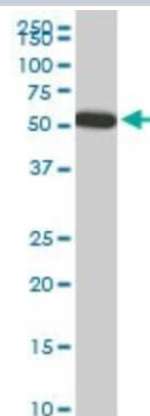
FGL2/Fibroleukin Antibody (6D9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	6D9
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse FGL2/Fibroleukin Antibody (6D9) - Azide and BSA Free (H00010875-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF and IP. Anti-FGL2/Fibroleukin Antibody: Cited in 26 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10875
Gene Symbol	FGL2
Species	Human, Mouse, Rat
Specificity/Sensitivity	FGL2 (6D9)
Immunogen	FGL2 (NP_006673, 24 a.a. ~ 123 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. NNETEEIKDERAKDVCVRLSRGKCEEAGECPYQVSLPPLTIQLPKQFSRIEE VFKEVQNLKEIVNSLKKSCQDCKLQADDNGDPGRNGLLLPSTGAPG
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Functional, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500, Flow Cytometry, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 0.5ug/mL, Functional
Application Notes	Antibody reactive against cell lysate, transfected lysate and recombinant protein for Western Blot.

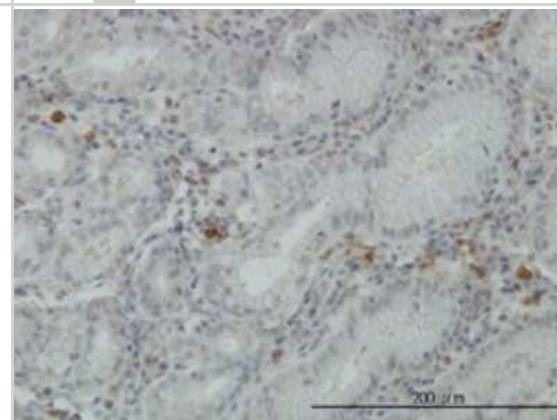


Images

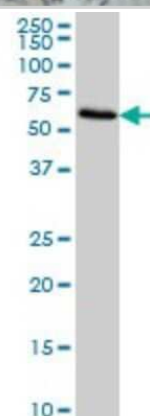
Western Blot: FGL2/Fibroleukin Antibody (6D9) [H00010875-M01] - FGL2 monoclonal antibody (M01), clone 6D9. Analysis of FGL2 expression in Raw 264.7.



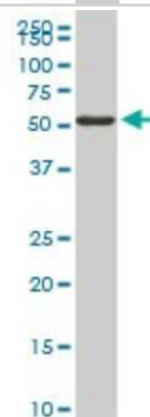
Immunohistochemistry-Paraffin: FGL2/Fibroleukin Antibody (6D9) [H00010875-M01] - Analysis of monoclonal antibody to FGL2 on formalin-fixed paraffin-embedded human stomach. Antibody concentration 0.5 ug/ml.



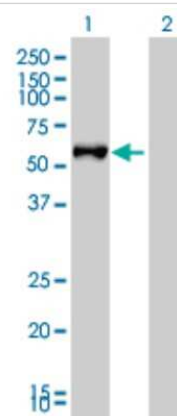
Western Blot: FGL2/Fibroleukin Antibody (6D9) [H00010875-M01] - FGL2 monoclonal antibody (M01), clone 6D9 Analysis of FGL2 expression in HeLa.



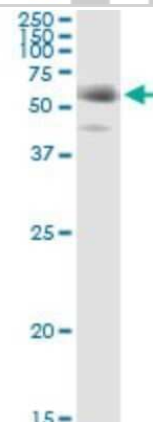
Western Blot: FGL2/Fibroleukin Antibody (6D9) [H00010875-M01] - FGL2 monoclonal antibody (M01), clone 6D9. Analysis of FGL2 expression in PC-12.



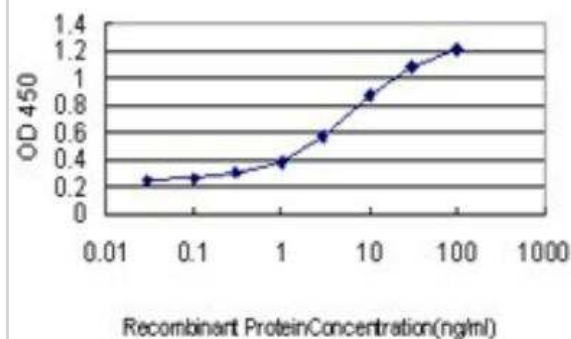
Western Blot: FGL2/Fibroleukin Antibody (6D9) [H00010875-M01] - Analysis of FGL2 expression in transfected 293T cell line by FGL2 monoclonal antibody (M01), clone 6D9. Lane 1: FGL2 transfected lysate (50 KDa). Lane 2: Non-transfected lysate.



Immunoprecipitation: FGL2/Fibroleukin Antibody (6D9) [H00010875-M01] - Analysis of FGL2 transfected lysate using anti-FGL2 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with FGL2 MaxPab rabbit polyclonal antibody.



ELISA: FGL2/Fibroleukin Antibody (6D9) [H00010875-M01] - Detection limit for recombinant GST tagged FGL2 is approximately 0.1ng/ml as a capture antibody.



Publications

- Wu L, Liu X, Lei J et al. Fibrinogen-like protein 2 promotes tumor immune suppression by regulating cholesterol metabolism in myeloid-derived suppressor cells J Immunother Cancer 2023-01-01 [PMID: 38056898]
- Xiaoying Y, Yaying S, Ze W et al. Proteinase-activated receptor-1 antagonist attenuates brain injury via regulation of FGL2 and TLR4 after intracerebral hemorrhage in mice. Neuroscience. 2022-02-17 [PMID: 35182700]
- Shun W, Meng L, Feng X et al. Fibrinogen-like protein 2 deficiency aggravates renal fibrosis by facilitating macrophage polarization. Biomed Pharmacother. 2020-08-11 [PMID: 32795921]
- Yekaterina O, Yuliya P, Aikyn K et al. Fc Receptor is Involved in Nk Cell Functional Anergy Induced by Miapaca2 Tumor Cell Line. Immunol Invest. 2020-08-30 [PMID: 32865068]
- Xitang L, Qiang G, Wenhui W et al. FGL2-MCOLN3-Autophagy Axis-Triggered Neutrophil Extracellular Traps Exacerbate Liver Injury in Fulminant Viral Hepatitis. Cell Mol Gastroenterol Hepatol. 2022-01-01 [PMID: 35926777]
- Shalev I, Wong K, Foerster K et al. The novel CD4+CD25+ regulatory T cell effector molecule fibrinogen-like protein 2 contributes to the outcome of murine fulminant viral hepatitis. Hepatology. 2009-02-15 [PMID: 19085958]
- Ran T, Meiwen H, Wei Y et al. Fibrinogen-like protein 2 promotes proinflammatory macrophage polarization and mitochondrial dysfunction in liver fibrosis. Int Immunopharmacol. 2023-03-04 [PMID: 36878044]
- Lianjing H, Di Z, Ying X et al. FGL2 deficiency alleviates maternal inflammation-induced blood-brain barrier damage by blocking PI3K/NF- κ B mediated endothelial oxidative stress. Front Immunol. 2023-03-27 [PMID: 37051251]
- Cildir G, Toubia J, Yip K et al. Genome-wide Analyses of Chromatin State in Human Mast Cells Reveal Molecular Drivers and Mediators of Allergic and Inflammatory Diseases. Immunity. 2019-10-22 [PMID: 31653482]
- Zhu Y, Zhou J, Feng Y et al. Control of Intestinal Inflammation, Colitis-Associated Tumorigenesis, and Macrophage Polarization by Fibrinogen-Like Protein 2. Front Immunol. 2018-01-30 [PMID: 29441068]
- Cherny, I;Hasin, P;Philosoph, LK;Shahal-Zimra, Y;Gurion, R;Rabizadeh, E; Presence and activity of Fibrinogen like protein 2 in platelets PloS one 2023-05-18 [PMID: 37200306]
- Shiming J, Nie T, Chengyu Z et al. The Distinctive Role of Membrane Fibrinogen-like Protein 2 in the Liver Stage of Rodent Malaria Infections. Parasite Immunol. 2022-10-27 [PMID: 36300695]
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