

Product Datasheet

Lgl1 Antibody (5G2) - Azide and BSA Free H00003996-M01

Unit Size: 0.1 mg

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

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H00003996-M01

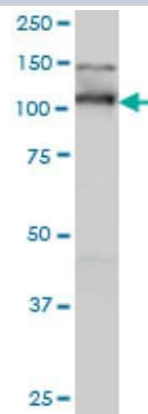
Lgl1 Antibody (5G2) - Azide and BSA Free

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	5G2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3996
Gene Symbol	LLGL1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 21785947).
Specificity/Sensitivity	LLGL1 - lethal giant larvae homolog 1 (Drosophila)
Immunogen	LLGL1 (NP_004131, 911 a.a. ~ 1010 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. GIASCVFTRHGQGFYLISPSEFERFSLSARNITEPLCSLDINWPRDATQASYRIR ESPKLSQANGTPSILLAPQSLDGSPDPAHSMGPDTPPEPEALSP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

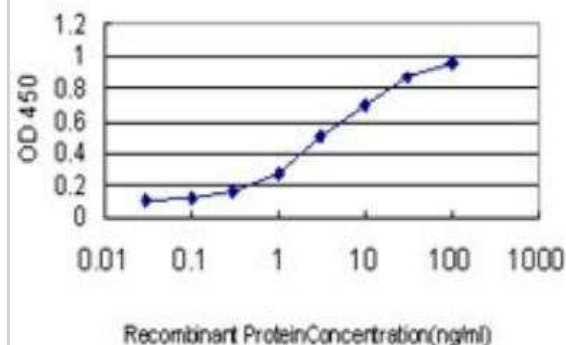


Images

Western Blot: Lgl1 Antibody (5G2) [H00003996-M01] - Western Blot analysis of LLGL1 expression in Hela NE (Cat # L013V3).



ELISA: Lgl1 Antibody (5G2) [H00003996-M01] - Detection limit for recombinant GST tagged LLGL1 is approximately 0.03ng/ml as a capture antibody.



Publications

Desuki A, Staib F, Gockel I et al. Loss of LLGL1 Expression Correlates with Diffuse Gastric Cancer and Distant Peritoneal Metastases. *Can J Gastroenterol Hepatol*. 2019-04-01 [PMID: 31058107]

Daniel S, Russ A, Guthridge K et al. miR-9a mediates the role of Lethal giant larvae as an epithelial growth inhibitor in *Drosophila*. *Biol Open*. 2018-01-26 [PMID: 29361610]

Greenwood E, Maisel S, Ebertz D et al. Lgl1 prevents metaplastic survival driven by epidermal growth factor dependent migration. *Oncotarget* 2016-08-15 [PMID: 27542214]

Russ A, Louderbough JM, Zarnescu D, Schroeder JA. Hugl1 and Hugl2 in mammary epithelial cells: polarity, proliferation, and differentiation. *PLoS One*. 2012-01-01 [PMID: 23110097] (Human)

Solinet S, Akpovi CD, Garcia CJ, Barry A, Vitale ML. Myosin IIB deficiency in embryonic fibroblasts affects regulators and core members of the par polarity complex. *Histochem Cell Biol*;136(3):245-66. 2011-09-01 [PMID: 21785947] (WB, Mouse)



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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-84078PEP	Lgl1 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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