

产品名称: LGR5 (7T13) Mouse Monoclonal Antibody

产品货号: AMM20425

产品概述 (Summary)

描述(Description)	Mouse monoclonal Antibody
宿主(Host)	Mouse
应用(Application)	WB,IHC,ICC/IF,FC
种属反应(Reactivity)	Human,Mouse,Rat
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Monoclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	PBS (pH 7.3) containing 1% protective protein, 50% glycerol and 0.02% New type preservative N.
纯化 (Purification)	Affinity Purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:200-1:2000,IHC 1:100-1:150,ICC/IF 1:100-1:200,FC 1:50-1:200
分子量(Molecular Weight)	Calculated MW: 99.8 kDa

抗原信息(Antigen Information)

基因名(Gene Name)	LGR5
别名(Alternative Names)	FEX; HG38; GPR49; GPR67; GRP49
基因 ID(Gene ID)	NM_003667
SwissProt ID	O75473
免疫原(Immunogen)	A synthetic peptide of human LGR5

研究背景 (Background)

The protein encoded by this gene is a leucine-rich repeat-containing receptor (LGR) and member of the G protein-coupled, 7-transmembrane receptor (GPCR) superfamily. The encoded protein is a receptor for R-spondins and is involved in the canonical Wnt signaling pathway. This protein plays a role in the formation and maintenance of adult intestinal stem cells during

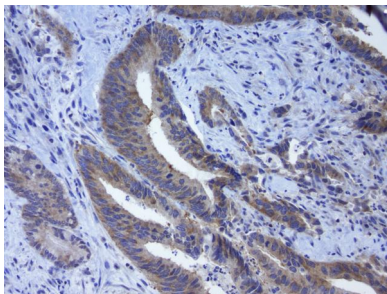
postembryonic development. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015],

研究领域 (Research Area)

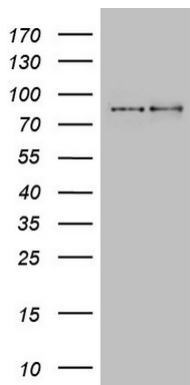
注意事项 (Note)

For research use only.

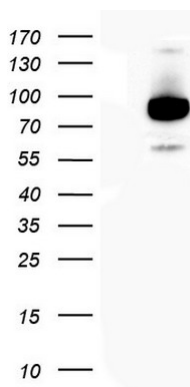
图片 (Image Data)



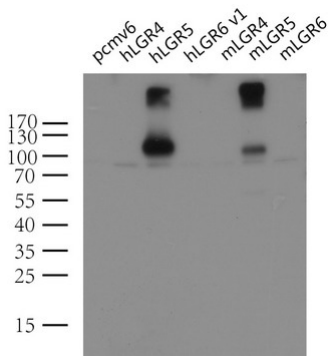
Immunohistochemical staining of paraffin-embedded human colon cancer using mouse anti-LGR5 at 1:400 dilution.



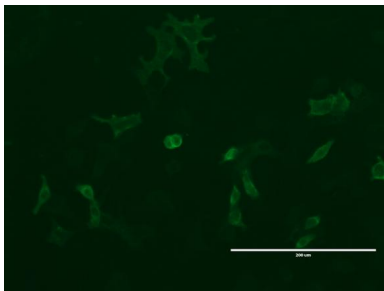
Western blot analysis of extracts (15ug) from 2 Human tissue by using anti-LGR5 monoclonal antibody



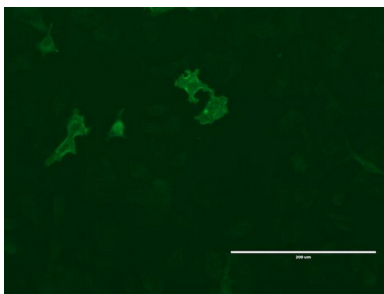
NIH-3T3 (Left lane) or stable expressed LGR5-3T3 (Right lane) cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LGR5 (1:1000).



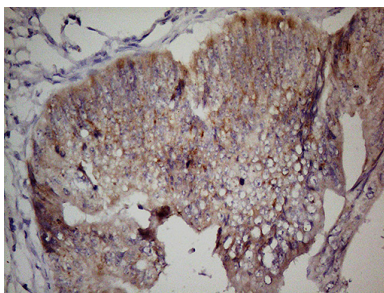
Western blot analysis of extracts (10ug) from 7 different transiently transfected HEK293T cell lysates by using anti-LGR5 monoclonal antibody (1:2000).



Anti-LGR5 mouse monoclonal antibody immunofluorescent staining of MCF7 cells transiently transfected by pCMV6-ENTRY mouse LGR5 (1:100).



Anti-LGR5 mouse monoclonal antibody immunofluorescent staining of MCF7 cells transiently transfected by pCMV6-ENTRY human LGR5 (1:100).



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-LGR5 Mouse monoclonal antibody.

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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