

产品名称: PGDH (9T2) Rabbit Monoclonal Antibody

产品货号: AMRe16028

产品概述 (Summary)

描述(Description)	Recombinant rabbit monoclonal antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,FC
种属反应(Reactivity)	Human
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:1000-1:5000,IHC 1:500-1:2000,ICC/IF 1:100-1:200,FC 1:50-1:100
分子量(Molecular Weight)	29kDa

抗原信息(Antigen Information)

基因名(Gene Name)	HPGD
别名(Alternative Names)	15-PGDH; Hpgd; PGDH; PGDH1; PHOAR1; SDR36C1;
基因 ID(Gene ID)	3248.0
SwissProt ID	P15428
免疫原(Immunogen)	Recombinant protein of human Prostaglandin dehydrogenase 1

研究背景 (Background)

Prostaglandin inactivation. Contributes to the regulation of events that are under the control of prostaglandin levels. Catalyzes the NAD-dependent dehydrogenation of lipoxin A4 to form 15-oxo-lipoxin A4. Inhibits in vivo proliferation of colon cancer cells. Primary enzyme catalyzing the conversion of hydroxylated arachidonic acid species to their corresponding oxidized

metabolites (Probable). Prostaglandin inactivation, catalyzes the first step in the catabolic pathway of the prostaglandins. Contributes to the regulation of events that are under the control of prostaglandin levels (PubMed:15574495, PubMed:16828555, PubMed:8086429). Catalyzes the NAD- dependent dehydrogenation of lipoxin A4 to form 15-oxo-lipoxin A4 (PubMed:10837478). Converts 11(R)-HETE to 11-oxo-5,8,12,14-(Z,Z,E,Z)- eicosatetraenoic acid (ETE) (PubMed:21916491). Has hydroxylated docosahexaenoic acid metabolites as substrates (PubMed:25586183). Converts resolvins E1, D1 and D2 to their oxo products which represents a mode of resolvins inactivation and stabilizes their anti-inflammatory actions (PubMed:16757471, PubMed:22844113).

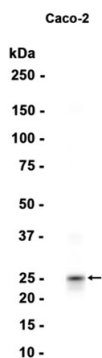
研究领域 (Research Area)

Immunology

注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of extracts from Caco-2 cells using PGDH (9T2) Rabbit Monoclonal Antibody at 1:1000.

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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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