

产品名称: PGDH (9T2) Rabbit Monoclonal Antibody
产品货号: AMRe16028



产品概述 (Summary)

产品名称 (Production Name)	PGDH (9T2) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (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.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

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

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
蛋白分子量 (Molecular Weight)	29kDa

研究背景 (Background)

Prostaglandin inactivation. Contributes to the regulation of events that are under the control of prostaglandin levels.

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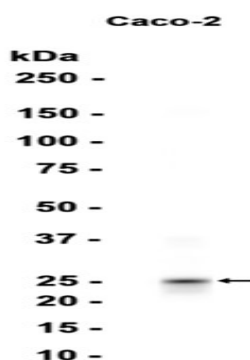


Catalyzes the NAD-dependent dehydrogenation of lipoxin A4 to form 15-oxo-lipoxin A4. Inhibits in vivo proliferation of colon cancer cells. Primary enzyme catalyzing the conversion of hydroxylated arachidonic acid species to their corresponding oxidized metabolites (Probable). Prostaglandin inactivation, 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

图片 (Image Data)



Western blot analysis of extracts from Caco-2 cells using RM5743 at 1:1000.

注意事项 (Note)

For research use only .