

产品名称: PEG10 Mouse Monoclonal Antibody
产品货号: AMM80705



产品概述 (Summary)

产品名称 (Production Name)	PEG10 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA
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)	Mouse IgG1
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)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PEG10
别名 (Alternative Names)	Edr; HB-1; Mar2; MEF3L; Mart2; RGAG3
基因 ID (Gene ID)	23089.0
蛋白 ID (SwissProt ID)	Q86TG7.Purified recombinant fragment of human PEG10 expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	Isoform RF1 (37kDa); RF1/RF2 (80kDa)

研究背景 (Background)

PEG10, paternally expressed 10. The PEG10 includes two overlapping reading frames of the same transcript encoding distinct isoforms. The shorter isoform has a CCHC-type zinc finger motif containing a sequence characteristic of gag

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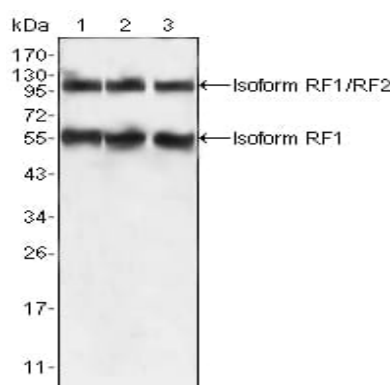


proteins of most retroviruses and some retrotransposons, and it functions in part by interacting with members of the TGF-beta receptor family. The longer isoform has the active-site DSG consensus sequence of the protease domain of pol proteins. The longer isoform is the result of -1 translational frameshifting that is also seen in some retroviruses. Expression of these two isoforms only comes from the paternal allele due to imprinting. Increased gene expression (as observed by an increase in mRNA levels) is associated with hepatocellular carcinomas.

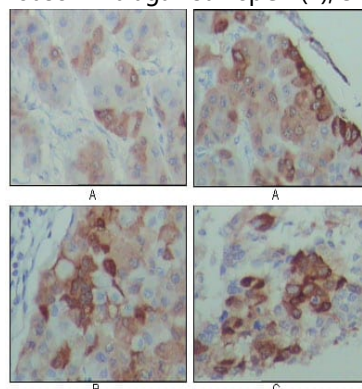
研究领域 (Research Area)

Apoptosis

图片 (Image Data)

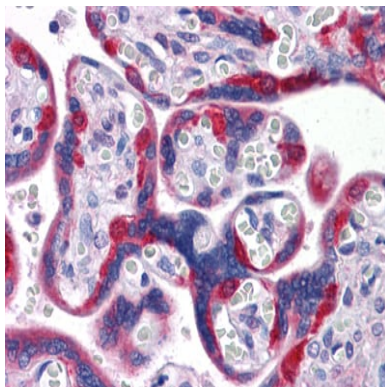


Western blot analysis using PEG10 mouse mAb against HepG2 (1), SMMC-7721 (2) and A549 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human hepatocarcinoma (A), breast carcinoma (B) and lung cancer tissues (C), showing cytoplasmic localization with DAB staining using PEG10 mouse mAb.

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Immunohistochemical analysis of paraffin-embedded human Placenta tissues using PEG10 mouse mAb

注意事项 (Note)

For research use only .