

产品名称: AKR1C1 Mouse Monoclonal Antibody
产品货号: AMM82997



产品概述 (Summary)

产品名称 (Production Name)	AKR1C1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,FC
种属反应性 (Reactivity)	Human,Mouse,Rabbit

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)	AKR1C1
别名 (Alternative Names)	C9;DD1;DDH;DDH1;H-37;HBAB;MBAB;HAKRC;DD1/DD2;2-ALPHA-HSD;20-ALPHA-HSD
基因 ID (Gene ID)	1645.0
蛋白 ID (SwissProt ID)	Q04828.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:200-1:400,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	36.7kDa

研究背景 (Background)

This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and

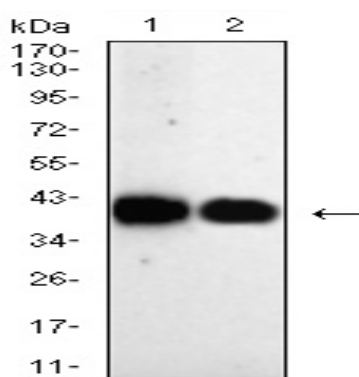
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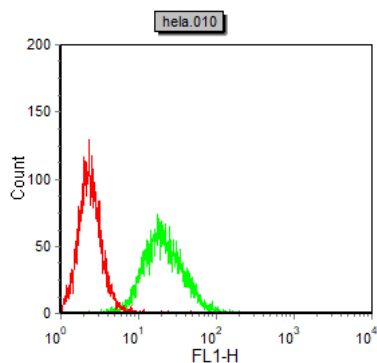
proteins. These enzymes catalyze the conversion of aldehydes and ketones to their corresponding alcohols by utilizing NADH and/or NADPH as cofactors. The enzymes display overlapping but distinct substrate specificity. This enzyme catalyzes the reaction of progesterone to the inactive form 20- α -hydroxy-progesterone. This gene shares high sequence identity with three other gene members and is clustered with those three genes at chromosome 10p15-p14. [provided by RefSeq, Jul 2008]

研究领域 (Research Area)

图片 (Image Data)

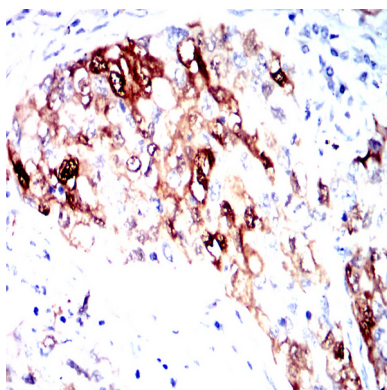


Western blot analysis using AKRAC1 mouse mAb against HepG2(1) mouse liver(2)cell lysate.

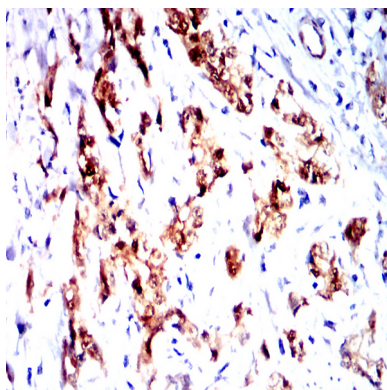


Flow cytometric analysis of Hela cells using AKR1C1 mouse mAb (green) and negative control (red).

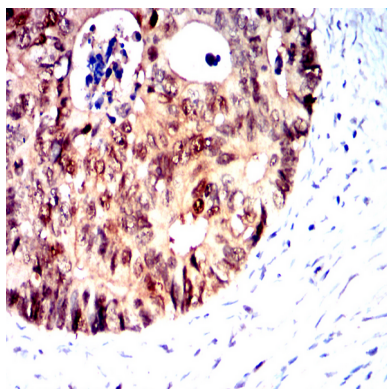
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Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using AKR1C1 mouse mAb with DAB stainin.

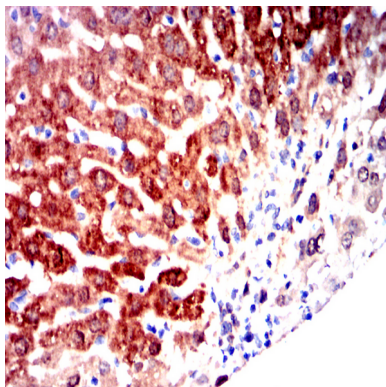


Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using AKR1C1 mouse mAb with DAB stainin.

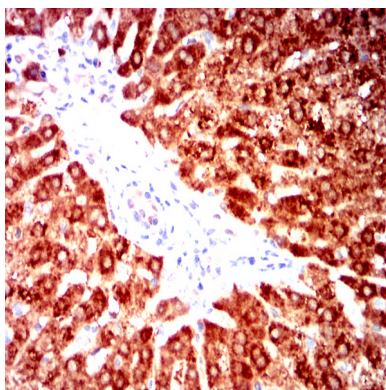


Immunohistochemical analysis of paraffin-embedded human rrectal cancer tissues using AKR1C1 mouse mAb with DAB stainin.

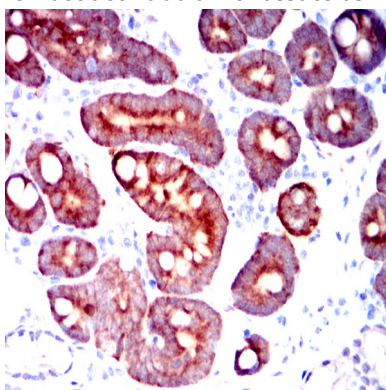
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Immunohistochemical analysis of paraffin-embedded mouse liver tissues using AKR1C1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rabbit liver tissues using AKR1C1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rabbit small intestine tissues using AKR1C1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .