

产品名称: CKMT1 (1A6) Mouse Monoclonal Antibody
产品货号: AMM03467



产品概述 (Summary)

产品名称 (Production Name)	CKMT1 (1A6) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB
种属反应性 (Reactivity)	Human, Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CKMT1A
别名 (Alternative Names)	CKMT; CKMT1; UMTCK; CKMT1A
基因 ID (Gene ID)	1159
蛋白 ID (SwissProt ID)	P12532.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW: 47 kDa; Observed MW: 47 kDa

研究背景 (Background)

Creatine kinase MT is responsible for the transfer of high energy phosphate from mitochondria to the cytosolic carrier,

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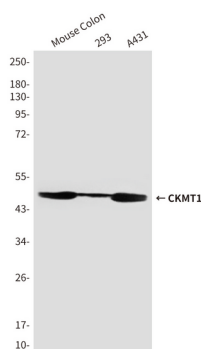


creatine. It belongs to the creatine kinase isoenzyme family. It exists as two isoenzymes, sarcomeric MtCK and ubiquitous MtCK, encoded by separate genes. Creatine kinase MT occurs in two different oligomeric forms: dimers and octamers, in contrast to the exclusively dimeric cytosolic creatine kinase isoenzymes. Many malignant cancers with poor prognosis have shown overexpression of ubiquitous mitochondrial creatine kinase, this may be related to high energy turnover and failure to eliminate cancer cells via apoptosis. Ubiquitous mitochondrial creatine kinase has 80% homology with the coding exons of sarcomeric mitochondrial creatine kinase.

研究领域 (Research Area)

Tags & Cell Markers

图片 (Image Data)



Western blot analysis of CKMT1 in mouse Colon, 293 and A431 lysates using CKMT1 antibody.

注意事项 (Note)

For research use only .