

小鼠抗 CKMT1B 单克隆抗体

中文名称： 小鼠抗 CKMT1B 单克隆抗体

英文名称： Anti-CKMT1B mouse monoclonal antibody

别名： creatine kinase, mitochondrial 1B; creatine kinase, mitochondrial 1B

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Mouse

抗原： CKMT1B

反应种属： Human, Mouse

标记物： Unconjugate

克隆类型： Mouse Monoclonal

技术规格

Background:

Mitochondrial creatine (MtCK) kinase is responsible for the transfer of high energy phosphate from mitochondria to the cytosolic carrier, creatine. It belongs to the creatine kinase isoenzyme family. It exists as two isoenzymes, sarcomeric MtCK and ubiquitous MtCK, encoded by separate genes. Mitochondrial creatine kinase 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.

	er and failure to eliminate cancer cells via apoptosis. Ubiquitous mitochondrial creatine kinase has 80% homology with the coding exons of sarcomeric mitochondrial creatine kinase. Two genes located near each other on chromosome 15 have been identified which encode identical mitochondrial creatine kinase proteins.
Applications:	WB
Name of antibody:	CKMT1B
Immunogen:	Fusion protein of human CKMT1B
Full name:	creatine kinase, mitochondrial 1B
Synonyms:	creatine kinase, mitochondrial 1B
SwissProt:	P12532
WB Predicted band size:	47 kDa
WB Positive control:	Mouse Colon tissue, 293 and A431 cell lysates
WB Recommended dilution:	1000-5000

