

Product Datasheet

CKMT1 Mouse mAb

Catalog No: AB3210

Reactivity: Human, Mouse

Isotype: Mouse IgG1

Applications: WB



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Information

UniProt ID: P12532

All Names: CKMT1; CKMT1A; CKMT1B; Creatine kinase, mitochondrial 1A; Creatine kinase, mitochondrial 1B; Mia CK; UMTCK.

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

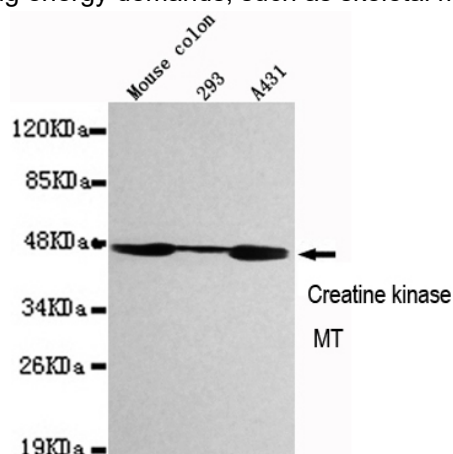
Molecular Wt.: 47KDa

Application

WB 1:1000

Background

Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.



Western blot detection of CKMT1 in Mouse Colon, 293 and A431 cell lysates using CKMT1 mouse mAb (1:1000 diluted). Predicted band size: 47KDa. Observed band size: 47KDa.

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