

# CKMT1A Monoclonal Antibody



MACO0207

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## Product Information

**Size:**

100ul

**Reactivity:**

Human, Dog, Rat, Rabbit, Mouse, Pig

**Source:**

Mouse

**Isotype:**

IgG1

**Applications:**

ELISA, WB

**Recommended dilutions:**

WB:1:500-1:5000

**Protein Background:**

Mitochondrial creatine (MtCK) kinase is responsible for the transfer of high energy phosphate from mitochondria to the cytosolic carrier, creatine. 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.

**Gene ID:**

CKMT1A

**Uniprot**

P12532

**Synonyms:**

CKMT, CKMT1, UMTCK, CKMT1A

**Immunogen:**

Purified recombinant human CKMT1 protein fragments expressed in E.coli.

**Storage:**

Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50% glycerol

## Product Images

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N/A

N/A