

CKM/CKB Mouse mAb

Catalog No.: A28547

Basic Information

Observed MW

43 kDa

Calculated MW

43 kDa

Category

Primary antibody

Applications

WB,IF-P,IHC-P,ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

AMC50107

Background

The protein encoded by this gene is a cytoplasmic enzyme involved in energy homeostasis and is an important serum marker for myocardial infarction. The encoded protein reversibly catalyzes the transfer of phosphate between ATP and various phosphogens such as creatine phosphate. It acts as a homodimer in striated muscle as well as in other tissues, and as a heterodimer with a similar brain isozyme in heart. The encoded protein is a member of the ATP:guanido phosphotransferase protein family.

Recommended Dilutions

WB 1:2000 - 1:60000

IF-P 1:200 -1:400

IHC-P 1:200 - 1:800

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Immunogen Information

Gene ID

1158

Swiss Prot

P06732

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CKMM; M-CK; CPK-M

Product Information

Source

Mouse

Isotype

IgG1. Rabbit-derived mouse chimeric antibody

Purification

Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles. PBS with 0.09% sodium azide, 50% glycerol, pH7.3

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