



## Creatine Kinase M Monoclonal Antibody

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Reactivity Human; Mouse; Rat  Applications WB  Gene Name CKM  Protein Name Creatine kinase M-type  Immunogen The antiserum was produced against synthesized peptide derived from human M-CK. AA range: 10-59  Specificity Creatine Kinase M Monoclonal Antibody detects endogenous levels of Creatine Kinase M protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity 290%  Storage Stability -20°C/1 year  Synonyms CKM; CKMM; Creatine kinase M-type; Creatine kinase M chain; M-CK  Observed Band 43kD  Cell Pathway Cytoplasm.  Liver,  Function catalytic activity: ATP + creatine = ADP + phosphocreatine, function: 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 tissue swith large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa, online information: CKM entry, online information: Creatine kinase entry, similarity: Belongs to the ATP-guanido phosphotransferase family, subunit. Dienel or non-identical chains. With MM being the maily rusubunit. Dienel and control or non-identical chains. With MM being the maily.	Catalog No	BYmab-16716
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Nanjing BYabscience technology Co.,Ltd



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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. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



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