

**CKM / Creatine Kinase MM Antibody (aa10-59)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS14778****Specification**

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**CKM / Creatine Kinase MM Antibody (aa10-59) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IF, IHC                |
| Primary Accession | <a href="#">P06732</a> |
| Reactivity        | Human, Mouse, Rat      |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 43kDa KDa              |

**CKM / Creatine Kinase MM Antibody (aa10-59) - Additional Information****Gene ID** 1158**Other Names**

Creatine kinase M-type, 2.7.3.2, Creatine kinase M chain, M-CK, Creatine kinase M-type, N-terminally processed, CKM, CKMM

**Target/Specificity**

M-CK Antibody detects endogenous levels of total M-CK protein.

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

CKM / Creatine Kinase MM Antibody (aa10-59) is for research use only and not for use in diagnostic or therapeutic procedures.

**CKM / Creatine Kinase MM Antibody (aa10-59) - Protein Information****Name** CKM**Synonyms** CKMM**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 tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa.

**Cellular Location**

Cytoplasm.

**Volume**

50 µl

## CKM / Creatine Kinase MM Antibody (aa10-59) - Protocols

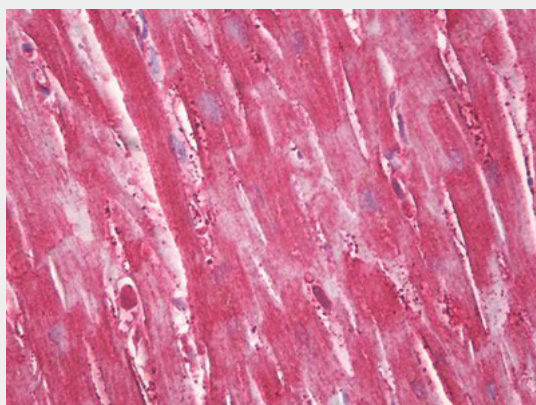
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

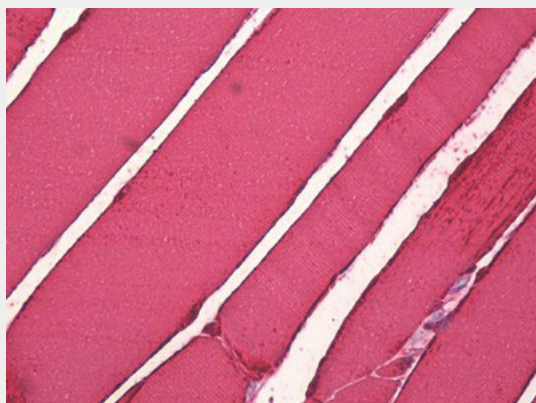
## CKM / Creatine Kinase MM Antibody (aa10-59) - Images



Immunofluorescence of HepG2 cells, using CKM Antibody.



Anti-CKM antibody IHC of human heart.



Anti-CKM antibody IHC of human skeletal muscle.

## CKM / Creatine Kinase MM Antibody (aa10-59) - 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.

#### **CKM / Creatine Kinase MM Antibody (aa10-59) - References**

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Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.  
Grimwood J., et al. Nature 428:529-535(2004).  
Hamburg R.J., et al. J. Biol. Chem. 265:6403-6409(1990).