

**CKM / Creatine Kinase MM Antibody (Tyr14)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS15814****Specification**

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**CKM / Creatine Kinase MM Antibody (Tyr14) - Product Information**

|                   |                                          |
|-------------------|------------------------------------------|
| Application       | WB, IHC-P, IF                            |
| Primary Accession | <a href="#">P06732</a>                   |
| Reactivity        | Human, Mouse, Rat                        |
| Host              | Rabbit                                   |
| Clonality         | Polyclonal                               |
| Calculated MW     | 43kDa KDa                                |
| Dilution          | WB~~1:1000<br>IHC-P~~N/A<br>IF~~1:50~200 |

**CKM / Creatine Kinase MM Antibody (Tyr14) - 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**

Human CKM

**Reconstitution & Storage**

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

**Precautions**

CKM / Creatine Kinase MM Antibody (Tyr14) is for research use only and not for use in diagnostic or therapeutic procedures.

**CKM / Creatine Kinase MM Antibody (Tyr14) - 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.

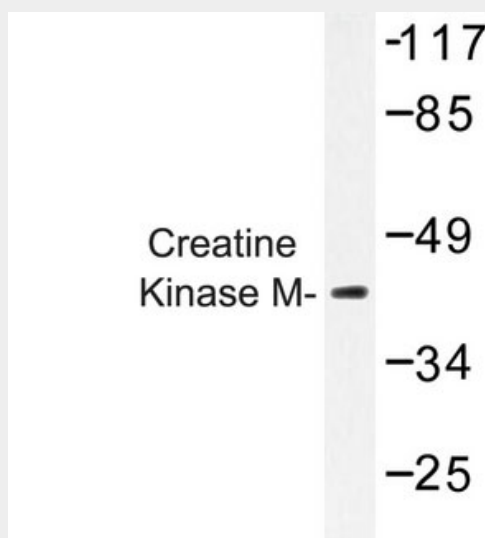
**Volume**  
50  $\mu$ l

### **CKM / Creatine Kinase MM Antibody (Tyr14) - Protocols**

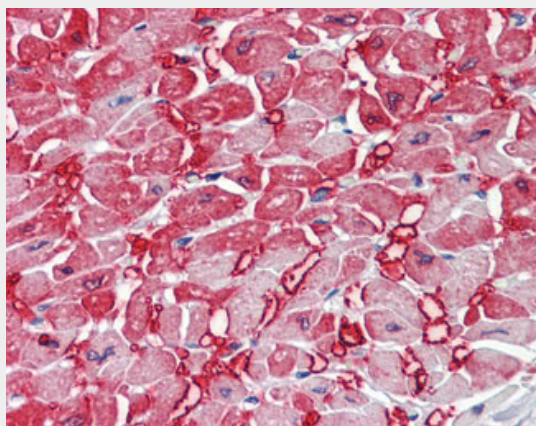
Provided below are standard protocols that you may find useful for product applications.

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

### **CKM / Creatine Kinase MM Antibody (Tyr14) - Images**



Western blot analysis of Creatine Kinase M (Y14) antibody in extracts from Jurkat cells.



Anti-CKM / Creatine Kinase MM antibody IHC staining of human heart.

### **CKM / Creatine Kinase MM Antibody (Tyr14) - 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 (Tyr14) - References**

Perryman M.B., et al. Biochem. Biophys. Res. Commun. 140:981-989(1986).  
Trask R.V., et al. J. Biol. Chem. 263:17142-17149(1988).  
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).