

Datasheet for ABIN7295292  
**anti-CKM antibody (N-Term)**



[Go to Product page](#)

3 Images

## Overview

Quantity:	100 µL
Target:	CKM
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CKM antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Creatine Kinase M.
Specificity:	Recognizes endogenous levels of Creatine Kinase M protein.
Characteristics:	Rabbit polyclonal antibody to Creatine Kinase M
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	CKM
Alternative Name:	Creatine Kinase M ( <a href="#">CKM Products</a> )

## Target Details

Background: CKMM, Creatine kinase M-type, Creatine kinase M chain, M-CK

Gene ID: 1158, 12715, 24265

UniProt: [P06732](#), [P07310](#), [P00564](#)

## Application Details

Application Notes: WB (1:500 - 1:1000), IH (1:100 - 1:200), IF/IC (1:100 - 1:500), IP (1:10 - 1:100)

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

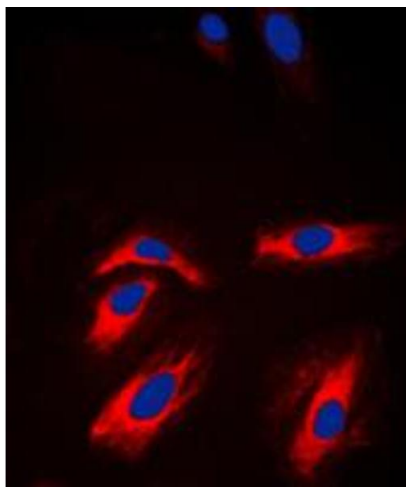
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Expiry Date: 12 months

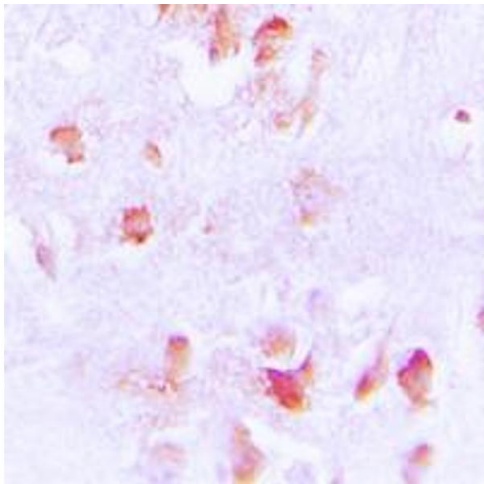
## Images



### Immunofluorescence

**Image 1.** Immunofluorescent analysis of Creatine Kinase M staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI

was used to stain the cell nuclei (blue).



**Immunohistochemistry**

**Image 2.** Immunohistochemical analysis of Creatine Kinase M staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**Western Blotting**

**Image 3.** Western blot analysis of Creatine Kinase M expression in HeLa (A), NIH3T3 (B), H9C2 (C) whole cell lysates.

