

## Anti-Creatine kinase M/CKM Antibody (1D257)

### Product Details

Ig Type:	Mouse IgG2a
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	1D257
Purification:	Protein A

### Applications

Verified Activity:	Immunochemical staining of human CKM in human muscle with mouse monoclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.
Application:	IHC-P
Recommended	IHC-P: 1:500-1:2000

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein: Human CKM Protein (TMPY-04762)
Antigen Species:	Human
Synonyms:	M-CK;creatine kinase, muscle;CKMM

### Research Background

CKM, also known as CK-MM, is mainly expressed in skeletal muscle. As the primary CK isoenzyme, it also can be detected in heart muscle. CKM is a subunit of creatine kinase (CK). CK is an enzyme expressed by various tissues and cell types. It catalyses the conversion of creatine and consumes adenosine triphosphate (ATP) to create phosphocreatine and adenosine diphosphate (ADP). In the cells, the cytosolic CK enzymes consist of two subunits, which can be either B (brain type) or M (muscle type).

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