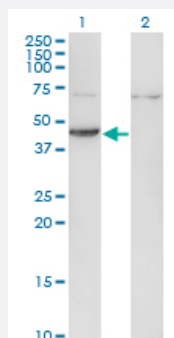


CKM monoclonal antibody (M06), clone 2F3-B11

Catalog # H00001158-M06

Size 100 ug

Applications

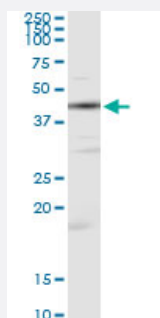


Western Blot (Transfected lysate)

Western Blot analysis of CKM expression in transfected 293T cell line by CKM monoclonal antibody (M06), clone 2F3-B11.

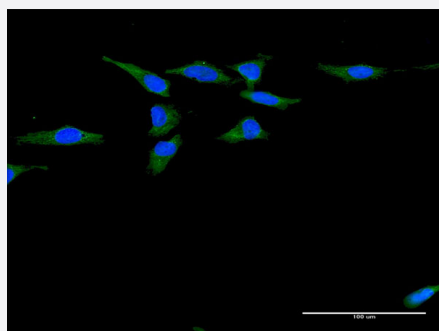
Lane 1: CKM transfected lysate (Predicted MW: 43.1 kDa).

Lane 2: Non-transfected lysate.



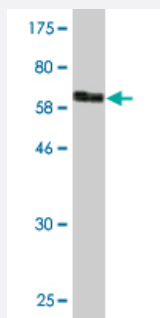
Immunoprecipitation

Immunoprecipitation of CKM transfected lysate using anti-CKM monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CKM MaxPab rabbit polyclonal antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to CKM on HeLa cell . [antibody concentration 40 ug/ml]



Western Blot detection against Immunogen (67.65 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant CKM.
Immunogen	CKM (AAH07462, 1 a.a. ~ 381 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPFGNTHNKFKLNYKPEEEYPDLSKHNNHMAKVLTELYKKLRDKETPSGFTVDDVIQTGVDNPG HPFIMTVGCVAGDEESYEVFKELFDPIISDCHGGYKPTDKHKTDLNHENLKGGDDLDPNYVLSSR VRTGRSIKGYTLPPHCSRGERRAVEKLSVEALNSLAGFEFKGKYPLKSMTEKEQQQLIDDHFLFD KPVSPLLLASGMARDWPDARGMWHNDNKSLLVWVNEEDHLRVISMEKGGNMKEVFRRFCVGLQ KIEEIFKKAGHPFMWNQHLGYVLTCP SNLGTGLRGGVHVKLAHLSKHPKFEEILTRLRLQKRGTTG VDTAAVGSVFDVSNADRLGSSEVEQVQLVVDGVKLMVEMEKLEKGSIDDMIPAQK
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (67.65 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

● Western Blot (Transfected lysate)

Western Blot analysis of CKM expression in transfected 293T cell line by CKM monoclonal antibody (M06), clone 2F3-B11.

Lane 1: CKM transfected lysate (Predicted MW: 43.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of CKM transfected lysate using anti-CKM monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with CKM MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to CKM on HeLa cell . [antibody concentration 40 ug/ml]

Gene Info — CKM

Entrez GeneID [1158](#)

GeneBank Accession# [BC007462](#)

Protein Accession# [AAH07462](#)

Gene Name CKM

Gene Alias CKMM, M-CK

Gene Description creatine kinase, muscle

Omim ID [123310](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations creatine kinase M chain|creatine kinase-M|muscle creatine kinase

Pathway

- [Arginine and proline metabolism](#)
- [Metabolic pathways](#)

Disease

- [Body Weight](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Task Performance and Analysis](#)