

Creatine Kinase MM-Specific antibody

Product Information

Catalog No.:	FNab01957
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

CKM, also named as CKMM and M-CK, is a member of the ATP:guanido phosphotransferase protein family. It is a cytoplasmic enzyme involved in energy homeostasis and is an important serum marker for myocardial infarction. CKM 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. CK isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle, heart, brain and spermatozoa. CK MB consists of a dimer of nonidentical chains. With MM being the major form in skeletal muscle and myocardium, MB existing in myocardium, and BB existing in many tissues, esp.

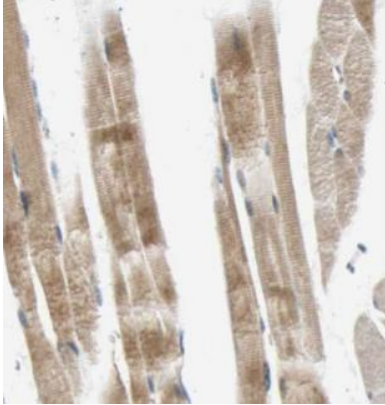
Immunogen information

Immunogen:	creatine kinase, muscle
Synonyms:	CKMM, Creatine Kinase MM, Creatine Kinase M-Specific, Creatine kinase M chain, Creatine kinase M type, creatine kinase, muscle, M CK
Observed MW:	43 kDa
Uniprot ID :	P06732

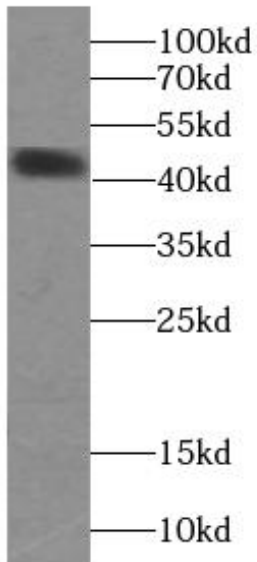
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:1000-1:10000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human skeletal muscle using FNab01957(CKM-Specific antibody) at dilution of 1:100



mouse heart tissue were subjected to SDS PAGE followed by western blot with FNab01957(CKM-Specific antibody) at dilution of 1:2000